Statistics of British India for 1906-07, and preceding year, Part II, Commercial including statistics relating to Foreign Trade and Shipping, etc. First issue. Super Royal 4to. Board. R1 or 1s. 6d. (4a.)

Report of the Indian Factory Labour Commission, 1908. Volume I. Report and Appendices. Foolscap. Paper cover. R1 or 1s. 6d. (4a.)

Report of the Indian Factory Labour Commission, 1908. Vol. II. Evidence. R1-12a. or 2s. 6d. (8a.) Complete. R2-12a. or 4s. (12a).

Sea-borne Trade and Navigation of British India for the month of May 1908. Nos. 2, 3 and 4. Royal 8vo. Stitched. 8a. or 9d. (2a.) each.

Accounts of the External Land Trade of British India for March, April and May 1908. Nos. 12, 1 and 2. Royal 8vo. Stiched. 8a. or 9d. (2a.) each.

Statistics of British India for 1906-07 and preceding years. Part VI, Judicial including statistics relating to Civil and Criminal Justice, Jails, Police, etc., Foolscap. Board. R1 or 1s. 6d. (4a.)

Statistics of Cotton Spinning and Weaving in the Indian Mills in May 1908, and in the three months April, May and June 1908, compared with the corresponding month of 1906 and 1907. No. 2 of 1908-09. No. 3 of 1908-09. No. 4 of 1908-09. Royal 8vo. Stitched. 2a. or 2d. (1a.) each.

Statistics of British India for 1906-07 and preceding years, Part VIII. Local Funds including statistics relating to "Municipalities and Local Boards." First issue, 1908. Foolscap. Board. R1 or 1s. 6d. (3a.)

Statistics of British India for 1906-07, and preceding years, Part IX, "Miscellaneous" including statistics relating to Area, Population, Registration, Emigration, etc. First issue, 1908. Super Royal 4to. Board. R1 or 1s. 6d. (4a.)

Review of the Trade of India in 1907-08 by C. W. E. Cotton, I.C.S. Foolscap. Paper cover. 8a. or 9d. (3a.)

Statistics of British India for 1906-07 and preceding years, Part IV (b). Finance including Statistics relating to Principal Heads of Revenue, Salt, Opium, etc. First issue, 1908. Foolscap. Board. R1 or 1s. 6d. (6a.)

Accounts relating to the Trade carried by Rail and River in India in the quarter and in the twelve months ending March 1908. No. 4 of 1907-08. Foolscap. Paper cover. 8a. or 9d. (2a.)

Report of the External Land Trade of the North-West Frontier Province for the year 1907-08. R2 3a. 6p. or 2s. 11½d. (3a.)

ARMY DEPARTMENT.

The Quarterly Army List for April 1908. No. 16 Royal 8vo. Paper cover. R2 12a. or 4s. 2d. (6a.)

Examination Papers for admission to the Indian Staff College, December 1907. Demy 8vo. Paper cover. R3 or 4s. 6d. (2a.)

The Quarterly Army List for July 1908. No. 17 Royal 8vo. Paper cover. R2 12a. or 4s. 2d (6a.)

Papers and Maps set for the Examinations in subjects (d) to (i) for promotion held in India in March 1908, with remarks by the Examiners. Demy 8vo. Paper cover. R1 or 1s. 6d. (2a.)

India Army Budget Estimate for the year 1908-09, March 27, 1908. Foolscap. Board. R5 or 7s. 6d. (10a.)

Appendices to India Army Budget Estimate for the year 1908-1909, March 27, 1908. Foolscap. Board. R9 or 13s. 6d. (10a.)

Supplement to Field Artillery Training for the use of Mountain Artillery, 1908. R1 or 1s. 6d. (1a.)

Regulations for Gymnastic Instruction, India, including Rules or Assualts-at-Arms, 1908. Demy 8vo. Paper cover. 8a. or 9d. (1a.)

RAILWAY BOARD.

Schedule of Dimensions, 1907. (2' 6" gauge). Foolscap. Paper cover. 4a. or 5d. (2a.)

Administration Report on the Railways in India for the Calendar year 1907. Foplscap. Limp cover. R2 or 2s. 8d. (8a.)

State Railway open line Code, Vol. I, Provisional issue, 1908. Royal 8vo. Cloth. R1 or 1s. 6d. (5a.) ordinary. Interleaved. R1 8a. or 2s. 3d. (7a.)

LIST OF NEW BOOKS FOR SALE AT THOMASON COLLEGE, ROORKEE, WHICH WERE NOT ADVERTISED BEFORE.

Roorkee Treatise "on Railways," 4th Edition. Revised by F. Wolly Dod, F.C.H. Price R3 per copy.

Roorkee Treatise on "Irrigation Work." By Lieutenant-Colonel J. Clibborn, I.S.C., B.A., L.C.E., C.I.E. Price R9 per copy.

Roorkee Treatise on "Sanitary Engineering." Compiled by Lieutenant-Colonel J. Clibborn, I.S.C., B.A., L.C.E., C.I.E. Price R4-8 per copy.

Roorkee Manual of "Applied Mechanics," Volume II. The stability of structures mostly by graphic methods. By Lieutenant-Colonel J. H. C. Harrison, R.E. Price R8-2 per copy.

Roorkee Manual of Hydraulics. Price per copy R4 (No. XIX) Elementary Treatise. By E. F. Tipple, Esq., B.A.

Designs for Wooden Bridges, together with rules for calculating the area of waterway, etc., and Plates. By late Rai Bahadur Kunhya Lall. Price per set R4-2.

Pamphlet on Examination for Acid Radicals: Tables giving Analysis of Acids. Price per copy 8a.

Pamphlet on Examination for Acid Bases: Tables giving Analysis of Metallic Bases. Price 8a. per copy.

Military Works Handbook, 4th Edition. Price R4.

A LIST OF NEW BOOKS AND PERIODICALS FOR SALE AT THE LIBRARY OF THE ASIATIC SOCIETY OF BENGAL, 57, PARK STREET, CALCUTTA.

SOCIETY'S PUBLICATIONS.

Journal and Proceedings, Vol. IV, Nos. 1 to 3 at R2 each.
Do. do. do. Vol. IV, Extra No., 1908, at R2 each.
Do. do. do. Vol. LXXIV, Part 2, 1908, at R3 each.
Do. do. do. Vol. do. Part 3, 1908, at R2 each.
Memoirs, Vol. II, No. 6, "Tarikh-i-Nusratjangi," By Harinath De, at R1 each.

BIBLIOTHECA INDICA.

Catapatha Brahmana, Vol. 6, Fasc. 1. By Acharya Satyarrata Samarami, at R1-4.
Mohabhasyapradipoddyota, Vol. 3, Fasc. 7. By Pandit Balmvallabha Castri, at As. 10.
Samaraiccakaha, Fasc. I. By Dr. Hermann Jacobi, at As. 10.

LIST OF BOOKS PUBLISHED BY THE METEOROLOGICAL DEPARTMENT DURING THE CURRENT QUARTER.

Monthly Weather Review, August and October 1907. (Illustrated by 7 plates). Quarto. Paper cover. R1 per copy.

Monthly Weather Review, September 1907. (Illustrated by 7 plates). Quarto. Paper cover. R1.

Monthly Weather Review, November 1907. (Illustrated by 7 plates). Quarto. Paper cover. R1.

Monthly Weather Review, December 1907 (Illustrated by 7 plates). Quarto. Paper cover. R1.

Monthly Weather Review, January 1908. (Illustrated by 7 plates). Quarto. Paper cover. R1.

Monthly Weather Review, February 1908. (Illustrated by 7 plates). Quarto. Paper cover. R1.

Monthly Weather Review, March 1908. (Illustrated by 7 plates). Quarto Paper cover. R1.

LIST OF NEW BOOKS PUBLISHED BY THE GEOLOGICAL SURVEY OF INDIA DURING THE WEEK ENDING 30TH JULY AND 26TH SEPTEMBER 1908.

Memoirs of the Geological Survey of India, Palæontologia Indica, Series XV, Volume I, Vol. I, Part I. By Carl Diener, Ph.D. R4-4.

No. 1—Memoirs of the Geological Survey of India, Palæontologia Indica, new series, Volume II, Memoir No. 4. By Maud Healey. R2-4.

The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, OCTOBER 17, 1908.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART II.

Notifications by High Court, Comptroller General, etc.

GAZETTE OF INDIA.

NOTICE.

The 20th March 1908.

From the 4th April next till further notice, Parts I, IV, V and VI of the *Gazette of India* and the Weather and Crop Report will be published at Simla. After the 28th March all notifications and other matter intended for publication in the *Gazette* should be addressed to the Officiating Publisher at Simla.

Attention is invited to the following Circular Memorandum of the Government of India, Home Department, of August 1901 :—

"It has been brought to the notice of this Department that matter for the *Gazette of India* is sometimes sent to the Press late on Friday evenings for publication in the next day's *Gazette*, and that this involves considerable inconvenience to the Press and expense to Government. In the Circular Memorandum of this Department, No. 777—79, dated 9th February 1870, the Government of India directed that all notifications or other matter intended for insertion in the *Gazette of India* should be delivered at the Press not later than 2 P.M. on Friday, and that any papers sent thereafter must be certified to be extremely urgent in order to ensure their appearance in the next day's *Gazette*. The undersigned is directed to request that these orders may be more strictly observed in future, and that Departments will refrain from sending to the Press as extremely urgent any papers which can without harm or inconvenience be held over for the next *Gazette*."

J. P. HEWETT,
Secretary to the Government of India.

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Applications for the supply of the *Gazette* on the *public service* should be addressed to the Home Department.

Complaints regarding non-receipt of any number of the *Gazette* should be forwarded within a week after the date on which it is due.

J. J. MEIKLE,
Publisher, *Gazette of India*.

GOVERNMENT OF INDIA.

DEPARTMENT OF COMMERCE AND INDUSTRY.

INVENTIONS and DESIGNS.

Calcutta, the 15th October 1908.

NOTIFICATIONS.

No 3701 P.—APPLICATIONS in respect of the undermentioned inventions have been filed, under the provisions of the Inventions and Designs Act of 1888, in the office of the Secretary appointed under that Act during the week ending 12th October 1908:—

No. 412 of 1908.—Hugh Gibson, engineer, care of H. V. Williams & Co., of No. 14 Hare Street, Calcutta, India. *Improvements in thief-proof fastenings for railway wagon doors.*

No. 413 of 1908.—Prosper Lagrange, chemist, of 333 Rue St. Martin, Paris, and Paul Kestner, engineer, of 7 Rue de Toul, Lille (Nord), France. *A process of evaporating sugar juices in the manufacture of crystallised sugar.*

No. 414 of 1908.—Joseph Heinrich Reineke, electrician, of 38 Adersstrasse, Dusseldorf, Germany. *Improvements relating to novel means for producing electric energy.*

No. 415 of 1908.—Kenneth Willmot Deighton, district superintendent, Central Provinces Police, care of Messrs. King King & Co., Bombay. *Sealing railway wagons.*

No. 416 of 1908.—Lucas Eustratio Ralli and Pandely Leonidas Argenti, of 25 Finsbury Circus, London, and carrying on business as merchants among other places at Bombay under the name and firm of Ralli Brothers. *An improved baling press for cotton, jute and other materials.*

No. 417 of 1908.—Mrs. J O. Driscoll, Rangoon. *Manufacturing cement shoes for wooden posts for buildings.*

No. 418 of 1908.—Thomas Cowie, electrician, Residency Bazaars, Hyderabad, Deccan. *Electric easy chair.*

No. 419 of 1908.—Ernest Woods, inspector, steam boilers, residing at No. 36 Alexandra Terrace, Byculla, Bombay. *Improvements in gin rollers.*

No. 420 of 1908.—Alexander Lawson, merchant and agent, Rajpur, district Dehra Doon, India. *An appliance for breaking-in horses, mules or bullocks to be known as "Lawson's simplex horse breaker."*

No. 421 of 1908.—William Bellew Ewin, master mariner, E. B S. Railway, Calcutta. *The safety of passengers travelling by railway during the night, a protection from assault and theft and cutting off all intrusion of dangerous characters from other vehicles on the trains.*

No. 422 of 1908.—West's Patent Press Company, Limited, engineers, of 23 Saint Mary Axe, London, England. *Improvements in cotton gins.*

No. 423 of 1908.—Thomas Evans and Sons (Poplar) Limited, engineers, of Lower North street, Poplar, in the county of London, England. *Improvements in smoke preventing devices.*

No. 424 of 1908.—Alexander John Arbuckle, mechanical engineer, of 1 Main street, Belgravia, near Johannesburg, Transvaal, and Alfred Osborne, mine manager, of 1 Main street, Belgravia, aforesaid. *Improvements in rotary filtering apparatus.*

No. 425 of 1908.—Francis Harrison, electrical engineer, of 14 Ossian road, Stroud Green, London, N., England, and Christoph Heinrich Dorman, electrical chemist, of 82 Duckett road, Harringay, London, N., England. *Process for producing tungsten and the like metal combination.*

No. 426 of 1908.—Charles Jennings Hillman, draughtsman, of No. 6 Dyers Buildings, Holborn, in the city of London, England. *A new or improved photographic printing device particularly applicable for use in the duplication of drawings.*

No. 3702 P.—SPECIFICATIONS of the undermentioned inventions have been filed, under the provisions of the Inventions and Designs Act of 1888, in the office of the Secretary appointed under that Act, and copies have been sent to the Governments of Madras, Bombay, and Burma, and the Director of the Department of Land Records and Agriculture, United Provinces of Agra and Oudh. These and other specifications are open to public inspection, from 11 A.M. to 3 P.M., at the Secretary's office, 2, Bankshall Street, Calcutta, on payment of a fee of one rupee, and a certified copy of any one of them will be supplied on payment of the fixed expenses of copying:—

No. 249 of 1908.—Paul Sutherland, a citizen of the United States, and a resident of La Luz, in the county of Otero, and Territory of New Mexico, United States of America. *Improvements in regulators for the flow and level of liquids.* (Specification filed 23 September 1908.)

No. 346 of 1908—Henri Imbert, merchant, of 46 Bd. de la Liberte, Marseilles, in the republic of France. *Improvements in sewing machines.* (Specification filed 23 September 1908.)

No. 3703 P.—THE fees prescribed in the fourth schedule to the Inventions and Designs Act of 1888 have been paid for the continuance of exclusive privilege in respect of the undermentioned inventions for the periods shown against each:—

No. 338 of 1900.—Rasmus Bugge. *Improvements in apparatus for drying rice and other grain.* (From 9 November 1908 to 9 November 1909.)

No. 478 of 1901.—Charles Nicholas Eves Walke. *An improved water-proof varnish for boilers.* (From 11 November 1908 to 11 November 1909.)

No 206 of 1902.—Samuel Cleland Davidson. *Improvements in apparatus for filtering, humidifying and cooling air.* (From 18 October 1908 to 18 October 1909.)

No. 463 of 1902.—The Boardite Company Limited. *Improvements in discs or centres for the wheels of railway and other carriages and wagons.* (From 29 January 1909 to 29 January 1910.)

No. 69 of 1904.—The Improved Electric Glow Lamp Company Limited. *Improvements in fans.* (From 5 October 1908 to 5 October 1909.)

No. 90 of 1904.—Robert Chamberlin Hislop. *Economising solder used for soldering tin cans by means of an improved form of solder bath.* (From 30 September 1908 to 30 September 1909.)

No. 348 of 1904.—Vincent Blumhardt Nesfield and Alexandar Crerar. *Improvements in or relating to the sterilization of water and other liquids and of alimentary substances to render same potable or edible.* (From 3 November 1908 to 3 November 1909.)

No. 367 of 1904.—Rustomji Dadabhoy Palkhiwala. *Improvements in the shafts of vehicles.* (From 25 November 1908 to 25 November 1909.)

No. 415 of 1904.—James Fiddes and John Fordyce Watt. *Improvements in automatic fire extinguishing appliances.* (From 26 November 1908 to 26 November 1909.)

No. 430 of 1904.—Charles Hodgson and Frank Henry Dutton. *Improvements in apparatus for working and locking railway points.* (From 29 November 1908 to 29 November 1909.)

No. 440 of 1904.—Mahomed Abdul Kuddus Badsha Sahib. *A folding or collapsible lantern with mica windows to burn either candles or petroleum.* (From 19 December 1908 to 19 December 1909.)

NOTICES.

All communications relating to applications for leave to file specifications and for registration of designs under the Inventions and Designs Act, 1888 (V of 1888), or in continuation of such applications, should be addressed to the Patents Secretary, 2, Bankshall Street, Calcutta.

The Office of the Secretary under the Inventions and Designs Act, 1888, will in future be open for the transaction of business from 11 A.M. to 3 P.M. on all days, except Sundays and gazetted holidays.

The Government of India are advised that, as trade marks are not "designs" within the meaning of the Act, they cannot be registered under Part II.

The fees payable under the fourth and sixth schedules are now collected in cash, and applicants are warned that they must be responsible for any delay in cashing cheques.

Cheques and money orders will only be accepted if made payable *at Calcutta* to the Secretary under the Inventions and Designs Act.

Copies of the weekly notifications, and of the quarterly lists, of applications and specifications filed in the Secretary's Office are now on sale to the public at one anna and eight annas a copy, respectively. Consolidated indexes for 1905, 1906 and 1907, entitled "Inventions and Designs," are also on sale, price one rupee each. They contain a chronological list, subject-matter and name indexes of exclusive privileges for inventions, which have been obtained or applied for in the year, together with lists of designs applications.

All applications made under the Inventions and Designs Act, V of 1888, will from this date (December 19th, 1896) lie in the visitors' room of the Patents Office for ten days from the date of the *Gazette of India* in which their filing may have been notified: or, if the 10th day is a holiday, till the evening of the office day next following.

At the time of delivering or sending an application for leave to file a specification, the applicant shall cause a duplicate copy of the application to be delivered or sent therewith to the Secretary.

The Inventions and Designs Act (V of 1888), with the notifications and rules issued under its provisions and the notices of the office of Inventions and Designs, to which is added an explanatory memorandum for the guidance of persons applying for protection of Inventions and Designs. A new and revised edition is now on sale. Royal 8vo volumes, paper cover, price one rupee or 1*s*. 6*d*. To be had of the Superintendent, Government Printing, 8, Hastings Street, Calcutta, or of the Superintendent, Patents Office, 2, Bankshall Street, Calcutta.

H. G. GRAVES,
Secretary under the Inventions and Designs Act, V of 1888.

THOMASON CIVIL ENGINEERING COLLEGE, ROORKEE.

NOTIFICATION.

Roorkee, the 10th June 1908.

A Registry Office for men of the undermentioned grades is kept up by the Principal Thomason College, Roorkee. Officers and employers of labour requiring men are requested to apply to the Principal :—

1. Engineers.
2. Overseers.
3. Sub-Overseers.
4. Draftsmen and Surveyors.
5. Motor Car Drivers.
6. Engine Drivers.
7. Men trained in—
   (*a*) Photo.-Mechanical and Lithographic Work.
   (*b*) Workshops (both Electrical and Mechanical sides).

E. ATKINSON, Major, R.E.,
Principal, Thomason College, Roorkee.

BOARD OF EXAMINERS.

NOTICES.

Specimens of Persian Manuscripts for the use of candidates for the Degree of Honour and High Proficiency examinations in Persian, published in facsimile by the Board of Examiners, Fort William, under the authority of the Government of India. Price R6. Forwarded V.-P. P., on application to the Secretary, Board of Examiners, 4, Park Street.

For the convenience of Civil and Military officers desirous of appearing for examination in oriental languages, the Board of Examiners publish periodically a collection of specimen papers set for the examination held by them.* Collections of papers for 1902-1903, 1903-1904, 1904-1905, 1905-1906 and 1906-1907 are ready for sale. Price R3 per copy and may be obtained on application to the Secretary, Board of Examiners, 4, Park Street.

Diwan-i-Sarkhush (official edition), one of the books recommended for the High Proficiency examinations in Persian; obtainable from Board of Examiners' office, price R3 per copy.

The Kalam-i-Urdu, the text-book for the new Proficiency Standard in Urdu, is now ready for issue, price R2-12.

Qaāni, one of the books recommended for the Degree of Honour examination in Persian; obtainable from the Board of Examiners' office, price R7-8 per copy.

"Dewan-i-Andalib," one of the books recommended for the High Proficiency in Persian, is obtainable from the Board of Examiners' office, price R4 per copy.

Glossary to Ar-Rauzatuz-Zakiyah, the new text-book for the Higher Standard Examination in Arabic, price R6-4 per copy, is also obtainable from this office.

* *N.B.*—The languages in which specimen papers are published are :—
Arabic, Bengali, Hindi, Persian, Sanskrit, Urdu.

C. L. PEART, Captain,
Offg. Secretary, Board of Examiners.

SULPHATE OF QUININE AND SULPHATE OF CINCHONIDINE.

Manufactured at the Bengal Government Cinchona Plantation.

These articles are guaranteed to be free from wilful admixture with other Cinchona Alkaloids. Quinine is for sale only to Government officers. Cinchonidine is for sale to Government officers and to dealers. Both Quinine and Cinchonidine are for sale for cash only and may be obtained from the Superintendent, Royal Botanic Garden, Sibpur, near Calcutta.

The rates from 1st April 1908 are as follows :—

To Government officers.

	R a. p.	Post-free. R a. p.
Quinine.		
16-oz. tin	15 0 0	15 6 0
8 " "	7 8 0	7 12 0
4 " "	3 12 0	4 0 0
Cinchonidine.		
16-oz. tin	11 4 0	11 10 0
8 " "	5 10 0	5 14 0
4 " "	2 13 0	3 1 0

To dealers.

	R a. p.	Post-free. R a. p.
Cinchonidine.		
16-oz. tin	16 0 0	16 6 0
8 " "	8 0 0	8 4 0
4 " "	4 0 0	4 4 0

BANK OF BENGAL.

Statement of the Affairs of the Bank of Bengal for the week ending 13th October 1908.

LIABILITIES.	R	a.	p.	R	a.	p.
Capital paid up				2,00,00,000	0	0
Reserve Fund				1,62,50,000	0	0
Public Deposits at Head Office	71,19,882	14	4	1,49,81,826	11	2
Public Deposits at Branches	78,61,943	12	10			
Other Deposits at Head Office and Branches				17,29,66,035	7	3
Bank Post Bills, etc.				9,03,132	15	9
Sundries				13,15,007	4	5
RUPEES				22,64,16,002	6	7

ASSETS.	R	a.	p.	R	a.	p.
Government Securities				3,17,46,246	0	0
Other authorized Investments				38,99,732	0	0
Loans on Government and other authorized Securities				4,04,52,068	12	6
Accounts of Credit on Government and other authorized Securities				4,76,88,213	2	6
Bills discounted and purchased				2,54,84,574	3	2
Balances with other Banks				17,83,978	7	8
Bullion				4,053	0	0
Dead Stock				17,02,002	6	4
Stamps				17,369	1	4
Sundries				84,343	4	5
				15,28,62,580	5	11
Cash and Currency Notes at Head Office	* 2,70,89,884	8	1	7,35,53,422	0	8
Cash and Currency Notes at Branches	† 4,64,63,537	8	7			
RUPEES				22,64,16,002	6	7

* Includes Sovs. & ½ Sovs., value R1,36,500 0 0
† Do. do. do. R1,76,850 0 0

R3,13,350 0 0

By order of the Directors,

BANK OF BENGAL;
Calcutta, 15th October 1908.

H. TREBLE,
Chief Accountant.

L. G. DUNBAR,
Offg. Secretary and Treasurer.

Rate for Demand Loans 4 per cent.
Percentage 38·67.

CINCHONA FEBRIFUGE.

Cinchona Febrifuge can be purchased for cash only by Government officers and the general public, from the Superintendent, Royal Botanic Garden, Calcutta.

The rates for Government officers are: —

	R	a.	p.	Post-free. R	a.	p.
16-oz. tin	7	8	0	7	14	0
8 " "	3	12	0	4	0	0
4 " "	1	14	0	2	2	0

The rates for the general public taking 5 lbs. and upwards at a time are the same as for Government officers. For any quantity below five pounds, the rates are:—

	R	a.	p.	Post-free. R	a.	p.
16-oz. tin	9	0	0	9	6	0
8 " "	4	8	0	4	12	0
4 " "	2	4	0	2	8	0

Cinchona Febrifuge is sold also by the principal druggists in Calcutta.

DEPARTMENT OF ISSUE OF PAPER CURRENCY.

Calcutta, the 12th October 1908.

Abstract of the accounts of the Department of Issue of Paper Currency on the 7th October 1908.

	Total amount on Notes in Circulation.			Reserve. Coin and Bullion. In India.			In England.		In Transit between India and England.		Securities (Purchase price.)		Total.	Remarks.
	In Reserve Treasuries.*	Elsewhere.	Total.	Silver Coin.	Gold Coin and Bullion.	Silver Bullion under coinage.†	Gold Coin and Bullion.	Silver Bullion.	Gold Coin and Bullion.	Silver Bullion.	Held in India.	Held in England.		
	1	2	3	4	5	6	7	8	9	10	11	12	13	
	R	R	R	R	R	R	R	R	R	R	R (a)	R (b)	R	
Calcutta	1,02,19,025	14,92,28,420	15,94,47,445	4,07,61,419	*6,13,620	7,86,970	2,55,75,000	...	...	...	9,99,99,946	2,00,00,000	18,77,36,955	(a) Nominal value—R10,20,81,500. (b) Nominal value—R2,15,20,535.
Cawnpur	...	2,78,59,815	2,78,59,815	7,18,65,347	3,91,830	..	...	...	...	...	...	...	7,22,57,177	
Lahore	...	2,83,87,440	2,83,87,440	4,07,03,949	6,56,295	..	...	...	...	...	...	...	4,13,60,244	
Bombay	83,25,550	10,07,83,200	10,91,08,750	3,58,51,095	22,29,119	...	...	...	...	...	...	...	3,80,80,214	
Karachi	..	1,94,15,770	1,94,15,770	73,85,920	2,11,125	..	...	...	...	...	...	...	75,97,045	
Madras	11,59,165	5,09,10,615	5,20,69,780	2,07,83,405	4,24,740	..	...	...	...	...	...	...	2,12,08,145	
Calicut	..	30,48,000	30,48,000	17,25,800	85,305	..	...	...	...	...	...	...	18,11,105	
Rangoon	..	3,75,93,545	3,75,93,545	6,56,76,800	5,22,150	..	...	...	...	...	...	...	6,61,98,950	
	1,97,03,740	41,72,26,805	43,69,30,545	28,47,53,735	51,34,184	7,86,970	2,55,75,000	...	...	...	9,99,99,946	2,00,00,000	43,62,49,835	
Deduct—Withdrawn from circulation by Foreign Circles and in course of remittance to Circles of Issue			6,80,710	*Deduct*—Amount due on Bills drawn by one circle on another									*Nil*	
Total Circulation R			43,62,49,835								Total Reserve R		43,62,49,835	

* There was no transfer of Gold between the Paper Currency Reserve and the Gold Standard Reserve during the week ending 7th October 1908.

† The Silver held in the Gold Standard Reserve on the 7th October 1908 consisted of :—

(a) 600 lakhs, the permanent nucleus of its silver branch.

(b) 1,208 lakhs, paid into the Reserve out of the proceeds of Sterling Bills drawn on the Secretary of State.

1,808 lakhs in all.

F. C. HARRISON,

Offg. Head Commissioner of Paper Currency.

MILITARY ACCOUNTS DEPARTMENT.

Claimants who have attained their majority.

It is hereby notified that claims from the undermentioned individuals on account of the patrimony due to them should be submitted to the Deputy Controller of Military Accounts, Madras, through the Staff Officer of the station at which each claimant may be residing :—

Names of Warrant and Non-Commissioned Officers and Soldiers deceased.	Claimants.
Brooks, John, Sergeant, Infantry Veteran Company	Caroline Brooks (daughter). Dennis Brooks (son).
Brandon, John, Gunner, European Artillery Veteran Company	John Brandon (son).* Charles Brandon (son).
Clarkson, Samuel, Carnatic Ordnance Artificer	Ann Clarkson (daughter).
Carroll, J., Sergeant, 2nd European Light Infantry	Elizabeth Carroll (daughter). Joseph Carroll (son). Agnes Carroll (daughter).
Cosser, J., Sub-Conductor, Ordnance Department	John Cosser (son).
Crawley, Sergeant	George Wellington Crawley (son).
Doyle, I., Gunner, 4th Battalion, Madras Artillery	James Doyle (son).
Danford, S., Gunner, 3rd Battalion, Madras Artillery	Amelia *alias* Emma Danford (daughter).
Furlong, J., Corporal, 3rd Madras European Regiment	John Furlong (son).
Flynn, J., Corporal, 1st Madras Fusiliers	James Flynn (son). William Flynn (son). Joseph Flynn (son).
Grimstone, R., Sergeant, 3rd Madras European Regiment	Perquira Grimstone (daughter). Richard Grimstone (son).
Hawkins, Richard, Private, European Infantry Veteran Company	Jeremiah Mitchell Foster Hawkins (son). George Hawkins (son).
Hunsley, W., Sub-Conductor, Ordnance Department	Charles Hunsley (son).
Hutchins, James, Gunner, 2nd Battalion, Artillery	George Henry Hutchins (son).
Healey, P., Hospital Sergeant	Edward Healey (son). Frank Healey (son).
Keleker, I. T., Bombardier, 3rd Battalion, Artillery	Mary Keleker (daughter).
Knowles, W. S., Bugler, D. Company, 1st Battalion, Madras Artillery	Andrew James Knowles (son).
McDonald, B., 2nd Corporal, Sappers and Miners	James McDonald (son).
McGuire, Michael, Staff Barrack Sergeant, B. Company, 4th Battalion, Artillery.	Andrew McGuire (son).
McManus, J., Foreman, Carnatic Ordnance Artificer Corps	Agnes Maude McManus (daughter). Mary Elizabeth McManus (daughter). Reith McManus (daughter). Patrick John McManus (son).
Murphy, I., Private, 3rd Madras European Regiment	James Murphy (son).
Nicholson, T., Shoeing Smith	Arabella Hannah Nicholson (daughter).
Rothe, R., Corporal, 2nd European Light Infantry	Catherine Rothe (daughter).
Scully, E., Sub-Overseer	Eleanor Scully (daughter). John Scully (son).
Smith, Michael, Color Sergeant, 1st Madras Fusiliers	Mary Ann Smith (daughter).
Smithes, R., Sergeant, 2nd Battalion, Artillery	Henry Smithes (son).
Sheepard, J., Sergeant, 23rd Brigade, Royal Artillery	John Sheepard (son). Ellen Sheepard (daughter).
Wallace, J., Gunner, 4th Battalion, Artillery	John Wallace (son). Thomas Wallace (son)
Wiggins, R., Gunner, Madras Artillery	John M. Wiggins (son).

* Claim received, but claimant has not yet appeared to receive payment.

C. W. BUTLER, Lieutenant,
For Deputy Controller of Military Accounts.

OFFICE OF THE DEPUTY CONTROLLER OF MILITARY ACCOUNTS,
SECUNDERABAD DIVISION, MADRAS;
1st October 1908.

STATEMENT OF SILVER OPERATIONS AT THE CALCUTTA AND BOMBAY MINTS FOR THE PERIOD FROM 16TH TO 30TH SEPTEMBER 1908.

(In Lakhs of Standard Tolas.)

Name of Mints.	Coinage of British India Government Coins.													Coinage of British Dollars.		
	Receipts.				Coinage.			Balance of Bullion and Coin.								
	Purchased Silver.	Withdrawn and uncurrent coins from Treasuries, etc.	Native State coins.	Total.	New rupees and small silver coins delivered to Treasuries or Currency Department.	New rupees made over to Native States.	Total.	New coin ready for delivery.	Gold Standard Reserve.	Currency Bullion.	Other Government Bullion.	Withdrawn and uncurrent coins.	Total.	Receipt of Bullion for Dollar Coinage.	Dollar coined and paid over.	Closing balance of Bullion.
Calcutta	...	11	...	11	...	...	...	...	200	11	90	10	311	...	...	...
Bombay	...	11	...	11	...	...	...	...	400	...	59	16	475	1	1	...

G. M. PORTER, Colonel, R.E.,
Master of the Mint.

HIS MAJESTY'S MINT;
Calcutta, the 14th October 1908.

DIRECTOR-GENERAL, INDIAN MEDICAL SERVICE.

NOTIFICATION.

Simla, the 13th October 1908.

No. 74.—The services of 4th class Assistant Surgeon Cecil Bertram Benjamin Gibbon, Indian Subordinate Medical Department, are placed at the disposal of the Medical Store Keeper to Government, Bombay, for employment as a reserve Labor atory Assistant Surgeon with effect from 9th September 1908.

G. BOMFORD, M.D., Surgeon-General,
Director-General, Indian Medical Service.

TELEGRAPH DEPARTMENT.

NOTIFICATIONS.

Calcutta, the 15th October 1908.

No. 14.—Offices reported opened and closed during the period—29th September to 13th October 1908:—

Name of Office.	Where situated.	Date.	REMARKS.
	Government Telegraph Offices.		
Kumher	Rajputana	1st October	Closed.
Marhaura Factory	Bengal	9th "	Opened.
Muvattupuzha	Madras	1st "	"
Patti (Lahore)	Punjab	2nd "	"

The following alterations in the names of Government Telegraph Offices with effect from 1st of November 1908 are notified :—

" Mysore " instead of " Mysore City."

" Mysore Chamrajapuram " instead of " Mysore City Chamrajapuram,"

	Railway Telegraph Offices.		
Aravankadu	South Indian Railway	15th September	Opened.
Fernhill	Ditto	Ditto	"
Keti	Ditto	Ditto	"
Lovedale	Ditto	Ditto	"
Wellington	Ditto	Ditto	"

C. GOODALL,
for Director, Traffic Branch.

The 7th October 1908.

No. 75.—The following promotion in the Superior Establishment of the Telegraph Department is sanctioned with effect from the 29th August 1908 :—

Name.	From	To	Nature of promotion.
Mr. C. T. Williams	Assistant Superintendent, 2nd grade.	Superintendent, 2nd grade.	Officiating.

T. D. BERRINGTON,
Director General of Telegraphs

AGENT TO THE GOVERNOR GENERAL IN CENTRAL INDIA.

NOTIFICATION.

Central India Agency, Indore, the 26th August 1908.

No. 1153-*B*.—The following alterations are made in Central India Agency Notification No. 791-B. dated the 12th June 1908, published in the Gazette of India, Part II, dated the 20th June 1908, pages 965 to 967:—

(1) Opposite Boundary pillar 28 to 29 in column "Description" *for* "North-West" *read* "North-East".

(2) Opposite Boundary pillar No. 36 to 37 in column "Description" *for* "North-East" *read* "North-West".

(3) Opposite Boundary pillar No. 37 to 38 in column "Description" *for* "North-West" *read* "North-East".

(4) Opposite Boundary pillar No. 47 to 48 in column "Description" *for* "Banerjee's house" *read* "Chatterjee's house".

By order, etc.,

P. B. WARBURTON,
First Assistant to the Agent to the Governor General in Central India.

ORDERS BY THE HONOURABLE THE AGENT TO THE GOVERNOR-GENERAL IN RAJPUTANA.

NOTIFICATION.

Abu, the 9th October 1908.

No. 4485.—In exercise of the powers conferred by the Notification of the Government of India in the Foreign Department, No. 2817-I. B., dated the 10th July, 1908, the Hon'ble the Agent to the Governor-General in Rajputana is pleased to appoint Mr. Abdul Wahid Khan, being a Magistrate of the First Class, to be the Magistrate who shall take action in regard to accidents occurring on the portions of the Railways which are comprised in the general police district referred to in the aforesaid Notification.

By order,

H. B. ST. JOHN, Captain,
First Assistant to the Agent to the Governor-General in Rajputana.

THE HONOURABLE THE AGENT TO THE GOVERNOR GENERAL IN BALUCHISTAN.

NOTIFICATION.

Quetta, the 7th October 1908.

No. 5224.—Under the provisions of section 12 of the Code of Criminal Procedure, 1898, (V of 1898), and of section 7 of the Cantonments Act, 1889 (XIII of 1889), as applied to the Baluchistan Agency territories, the Hon'ble the Agent to the Governor General is pleased to appoint the Assistant Cantonment Magistrate of Quetta, for the time being, to be a Magistrate of the third class within the limits of the Quetta Cantonment.

By order,

A. L. JACOB, Captain,
First Assistant.

ORDERS BY THE HONOURABLE THE CHIEF COMMISSIONER OF AJMER-MERWARA.

NOTIFICATION.

A. G. G's Camp, Rajputana, the 11th October 1908.

No. 1080-*C*.—In exercise of the powers conferred by section 107 of the Ajmer Land and Revenue Regulation (No. II of 1877) the Hon'ble the Chief Commissioner is pleased to invest the following Revenue Officers with powers specified in the clauses attached to that section, as below:—

(1) Mr. W. J. E. Lupton, I.C.S., Settlement Officer, Ajmer-Merwara, with the powers specified in clauses (*b*), (*c*), (*d*), (*e*), (*f*) and (*g*) of the said section.

(2) Pandit Sham Behari Misra,

(3) Munshi Maharaj Swarup, and

(4) The Revenue Extra Assistant Commissioner of Ajmer-Merwara, with powers under clauses (*b*), (*c*), (*d*) and (*f*) of the same section.

By order,

H. B. ST. JOHN, Captain,
First Assistant to the Agent to the Governor General, Rajputana, and Chief Commissioner, Ajmer-Merwara.

THE CHIEF COMMISSIONER OF COORG.

NOTIFICATION.

Bangalore, the 10th October 1908.

No. 87.—In exercise of the powers conferred by section 5 of the Scheduled Districts Act, 1874 (XIV of 1874), and with the previous sanction of the Governor General in Council, the Chief Commissioner of Coorg is pleased to extend to the District of Coorg the Provincial Insolvency Act, 1907 (III of 1907).

T. COPELAND,
Secretary to the Chief Commissioner.

POST OFFICE.

NOTIFICATION.

Simla, the 8th October 1908.

No. 2180-*S.Ap.*—Consequent on the return to duty of Mr. C. J. Dease, Superintendent of post offices, 1st grade, from privilege leave on the forenoon of the 16th September 1908, the following reversion from and acting appointment in the 1st grade of Superintendents of post offices are made with effect from that date :—

Lala Raj Narayan, Superintendent, Railway Mail Service, officiating in the 1st grade to revert to his substantive appointment in the 2nd grade;

Mr. H. L. Duncan, Superintendent of post offices, officiating in the 1st grade, to continue to act in that grade *vice* Mr. C. K. Dutt on deputation to act as Assistant Director-General of the Post Office of India, and until further orders.

E. A. DORAN,
Offg. Director-General of the Post Office of India.

SURVEY OF INDIA.
OFFICE OF THE SUPERINTENDENT, NORTHERN CIRCLE.

NOTIFICATION.

Mussoorie, the 12th October 1908.

No. 14.—Mr. F. H. Grant, Sub-Assistant Superintendent, 2nd grade, is granted privilege leave for 1 month, under Article 260 of the Civil Service Regulations, with effect from the 19th October 1908 or any subsequent date.

C. H. D. RYDER, Major, R.E.,
Superintendent, Northern Circle.

NORTH-WEST FRONTIER PROVINCE—MEDICAL DEPARTMENT.

NOTIFICATION.

Peshawar, the 9th October 1908.

No. 1773-*M. I.*—4787.—Second grade Assistant Surgeon Mohammad Azim who was transferred to Peshawar (*vide* this office Departmental Order No. 1737-M. I.—4711, dated the 1st October 1908) assumed charge of the Egerton Hospital, Peshawar, on the afternoon of the 26th September 1908, relieving 1st class Assistant Surgeon Mehta Devi Dyal transferred to the Punjab.

G. W. P. DENNYS, Lt.-Col., I.M.S.,
Offg. Administrative Medical Officer,
North-West Frontier Province.

NORTH-WEST FRONTIER PROVINCE—PUBLIC WORKS DEPARTMENT—IRRIGATION BRANCH.

NOTIFICATION.

Dated Simla, the 7th October 1908.

No. 02278-*I.F.*—Whereas it appears to the Hon'ble the Agent to the Governor-General and Chief Commissioner, North-West Frontier Province, that land is required by Government for a public purpose, namely, for the Machai Branch of the Upper Swat River Canal, from R.D. 100,000 to R. D. 114,000 feet, it is hereby declared that the undermentioned land is required for the said purpose:—

This declaration is made under the provisions of section 6 of Act I of 1894, and under section 7 of the said Act the Collector, Peshawar, is hereby directed to take order for the acquisition of the said land.

Specification of land.

District.	Tahsil.	Mauza.	Area in acres.	Direction.	Place where the plans may be inspected.
Peshawar.	Mardan.	Bulandi	40·97	A strip of land of varying width from R. D. 100,000 to R. D. 114,000 running generally in a south-easterly direction as lock-spilted on the ground.	Offices of the Executive Engineer, Upper Swat River Canal, Mardan Division, at Mardan, and of the Deputy Commissioner, Peshawar District.
		Katlang	57·08		
		Sawal Dheri . . .	5·76		
		TOTAL .	103·81		

J. J. MULLALY,
Secretary for Irrigation, North-West Frontier Province.

NORTH-WEST FRONTIER PROVINCE—MEDICAL DEPARTMENT.

Weekly Return of Births and Deaths registered at the undermentioned Municipal Towns in the North-West Frontier Province during the week ending Saturday, the 19th September 1908.

Number.	Districts.	Municipal Towns.	Population according to the Census of 1901.	Births.			Deaths.			Cause of death.								Infants under one year of age.			Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	Number.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Small-pox.	Plague.	Fever.	Dysentery and Diarrhœa.	Respiratory disease.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Hazára	Abbottabad	3,395	1	2	3	1	...	1	...	...	...	1	...	...	...	...	...	1	1	46	15	1
2	Hazára	Nawashahr	4,114	1	3	4	6	4	2	...	...	...	4	...	1	...	1	...	...	...	51	76	2
3	Hazára	Buffa	7,029	3	2	5	6	3	3	...	...	...	1	...	2	...	3	2	1	3	37	45	3
4	Hazára	Haripur	5,578	3	3	6	5	3	2	...	...	...	3	...	...	...	2	1	...	1	56	47	4
5	Pesháwar	Pesháwar	73,343	17	14	31	34	15	19	...	...	...	19	...	7	...	8	5	3	8	22	24	5
6	Kohat	Kohat	18,092	7	5	12	8	3	5	...	...	...	4	...	...	...	4	1	...	1	35	23	6
7	Bannu	Bannu	10,070	1	3	4	5	3	2	1	...	...	3	1	...	...	...	...	1	1	21	26	7
8	Bannu	Lakki	5,218	1	...	1	3	3	...	...	...	...	1	...	...	...	2	2	...	2	10	30	8
9	Dera Ismail Khan	Dera Ismail Khan	28,287	5	10	15	12	6	6	...	...	...	7	...	2	...	3	...	1	1	28	22	9
10	Dera Ismail Khan	Kulachi	9,125	1	1	2	4	2	2	...	...	...	1	2	...	1	...	1	...	1	11	23	10
11	Dera Ismail Khan	Tank (notified area)	4,402	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
		Total	168,653	40	43	83	84	42	42	1	...	...	44	3	12	1	23	12	7	19	26	26	

Remarks by the Administrative Medical Officer, North-West Frontier Province, on the general health of the Municipal Towns during the week ending Saturday, the 19th September 1908.

Births and deaths in Municipal Towns.—In the 11 Municipal Towns, 83 births were registered (40 males and 43 females), giving a birth-rate of 26 *per mille* of population; 84 deaths were registered (42 males and 42 females), giving a death-rate of 26 *per mille* of population.

Pesháwar, the 7th October 1908.

G. W. P. DENNYS, Lieut.-Col., I.M.S.,
Administrative Medical Officer, North-West Frontier Province.

NORTH-WEST FRONTIER PROVINCE—MEDICAL DEPARTMENT.

Weekly Return of Births and Deaths registered at the undermentioned Municipal Towns in the North-West Frontier Province during the week ending Saturday, the 26th September 1908.

Number.	Districts.	Municipal Towns.	Population according to the Census of 1901.	Births.			Deaths.			Cause of Death.								Infants under one year of age.			Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	Number.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Small-pox.	Plague.	Fever.	Dysentery and Diarrhœa.	Respiratory disease.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Hazára	Abbottabad	3,395	1	1	2	1	...	1	...	...	...	1	...	...	...	...	...	...	...	31	15	1
2		Nawashahr	4,114	...	1	1	7	3	4	...	...	...	4	...	1	...	2	...	1	1	13	89	2
3		Buffa	7,029	6	4	10	5	5	...	2	...	...	1	...	1	...	1	...	...	...	74	37	3
4		Haripur	5,578	8	...	8	6	3	3	...	...	...	2	...	...	...	4	3	3	6	75	56	4
5	Pesháwar	Pesháwar	73,343	33	11	44	42	14	28	...	...	...	25	1	8	...	8	3	4	7	31	30	5
6	Kohat	Kohat	18,092	14	9	23	16	6	10	...	...	...	10	...	...	...	6	1	3	4	66	46	6
7	Bannu	Bannu	10,070	7	5	12	6	4	2	2	...	...	2	...	...	...	2	1	...	1	62	31	7
8		Lakki	5,218	4	4	8	1	1	...	...	...	...	...	...	...	...	1	1	...	1	80	10	8
9	Dera Ismail Khan	Dera Ismail Khan	28,287	7	7	14	10	3	7	...	...	...	5	2	...	1	2	.	1	1	26	18	9
10		Kulachi	9,125	1	...	1	3	...	3	...	...	..	2	1	...	...	...	...	2	2	6	17	10
11		Tank (notified area)	4,402	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	24	...	11
		Total	168,653	82	43	125	97	39	58	4	...	...	52	4	10	1	26	9	14	23	39	30	

Remarks by the Administrative Medical Officer, North-West Frontier Province, on the general health of the Municipal Towns during the week ending Saturday, the 26th September 1908.

Births and deaths in Municipal Towns.—In the 11 Municipal Towns, 125 births were registered (82 males and 43 females), giving a birth-rate of 39 *per mille* of population; 97 deaths were registered (39 males and 58 females), giving a death-rate of 30 *per mille* of population.

G. W. P. DENNYS, Lieut.-Col., I.M.S.,
Administrative Medical Officer, North-West Frontier Province.

Pesháwar, the 9th October 1908.

DIOCESAN REGISTRY OFFICE.

NOTIFICATION.

ECCLESIASTICAL.

Dated the 16th October 1908.

The Most Reverend the Lord Bishop of Calcutta has been pleased to appoint the Revd. Canon Herbert Taylor Ottley, M.A., Offg. Archdeacon of Calcutta, with effect from the 10th October, 1908, or any subsequent date on which he may assume charge of his duties.

HARRY STOKES,
Offg. Registrar.

CALCUTTA UNIVERSITY NOTICE.

IT is hereby notified that the new session of the Sree Gopal Basu Mullick Fellow will commence on the 29th October 1908.

The following classes of students are eligible to the Sree Gopal Basu Mullick studentships :—

(*a*) The students who are already studying under the Fellow in the Sree Gopal Basu Mullick Vedanta class.

(*b*) Outsiders who have passed the last annual examination held by the Fellow.

(*c*) One who is a Tirtha of the Sanskrit College, Calcutta, or an Acharyya of the Benares Sanskrit College, or a Sastrin of the Panjab.

(*d*) One who is a B.A. with Honours in Sanskrit or an M.A. in Sanskrit of any recognised University.

Students who fall under any of these classes are required to apply to the Registrar Calcutta University, not later than the 20th October 1908.

The selection of students will depend on their fitness to join the Vedanta Class, and preference will be given to English-knowing students.

SENATE HOUSE,
The 12th October 1908.

G. C. MOOKERJEE,
Offg. Registrar.

ORDERS BY THE HON'BLE THE VICE-CHANCELLOR AND SYNDICATE OF THE CALCUTTA UNIVERSITY.

THE undermentioned candidates have passed the Annual Examination held by the Sree Gopal Basu Mallik Fellow :—

(*In order of merit.*)

1. Pandeya, Jagannatha Prasada, *Kavyatirtha*, B.A.
2. Datta, Radhaballabh, B.A.
3. Bhattacharyya, Iswarchandra, *Sankhyatirtha.*
4. " Ramchandra, *Kavya and Smrititirtha.*
5. " Annadaprasanna, *Smrititirtha.*
6. Sengupta, Rakhaldas, *Kavyatirtha.*
7. { Chakrabarti, Nibaranchandra, *Vyakaranatirtha.*
   { Sinha, Ramdayalu.
8. Mukhopadhyay, Sadhucharan, *Kavyatirtha.*

SENATE HOUSE,
The 12th October 1908.

G. C. MOOKERJEE,
Offg. Registrar.

ORDERS BY THE HON'BLE THE VICE-CHANCELLOR AND SYNDICATE OF THE CALCUTTA UNIVERSITY.

(In all cases where reference is made to Chapters, Sections, Pages or Lines, thus Chapters I—IX, the reference is to be understood as inclusive.)

MATRICULATION EXAMINATION, 1910.

HISTORY.

History of India.

The following books on Indian History are recommended to indicate the standard of knowledge required :—

Adharchandra Mookerjee	...	A Short History of the Indian People (S K. Lahiri & Co.).
Haraprasad Sastri	...	History of India (Blackie and Son 1907).
Sir William Hunter	...	Brief History of the Indian Peoples.
R. C. Dutt	...	A Brief History of Ancient and Modern India.
A. F. Rudolf Hoernle	...	History of India (Hindu Period only).
C. F. deLa Fosse	...	History of India for High Schools (British Period only).

Administration and Progress of India under British Rule.

A text-book on the subject is in course of preparation.

MATRICULATION EXAMINATION, 1911.

ENGLISH.

The following works are recommended to indicate the standard up to which students will be expected to have read :—

Prose.

Lal Bihari De	...	Bengal Peasant Life (Macmillan).
Walter Copland Perry	...	Boy's Odyssey (Macmillan).
Scott	...	Ivanhoe, Talisman, Quentin Durward, as abridged in Macmillan's School Edition.
Kingsley	...	Heroes.
Defoe	...	Robinson Crusoe (Collins).
G. Kupfer	...	Legends of Greece and Rome (G. Harrop).
Arabian Nights, edited by Andrew Lang (Longmans Green & Co.).		
Animal Story Book, edited by Andrew Lang (Longmans Green & Co).		
Washington Irving	...	Rip Van Winkle; Legend of Sleepy Hollow.
Grimm	...	Popular Stories (Clarendon Press, Oxford).
Edwin Arnold	...	Book of Good Counsel.
Peter Parley's Tales about Greece and Rome (Blackie & Son).		

Poetry.

Jennings	...	English Poems, Part I (Macmillan).
Palgrave	...	Children's Treasury, Part I (Macmillan).
Poetical English Reader (Calcutta School Book Society, Part III).		
Lahiri's Select Poems	...	Revised edition to be published by the Calcutta University.

MATHEMATICS.

No text-books are prescribed. The subject is to be studied in accordance with the Syllabus prescribed in the Regulations of the University.

SANSKRIT.

Calcutta University Sanskrit Selections for 1911, edited by the Hon'ble Mr. Justice Asutosh Mookerjee, Saraswati, M.A., D.L., D.SC., F.R.A.S., F.R.S.E., and Dr. G. Thibaut, C.I.E., PH.D., D.SC. Portions of the Selections to be read for the examination in 1911 to be notified hereafter.

GRAMMAR.

Elementary Sanskrit Grammar to be shortly published by the University.

PALI.

Prose.

Anderson's Pali Reader—Pages 1-43, omitting Radha Jataka, Nacca Jataka and Sussondi Jataka.

Poetry.

Dipavamsa—Bhanavaras, I—V.
Khuddaka Patha—Mangala Sutta.

GRAMMAR.

Balavatara—Edited by Mr. Dharmananda Kosambi (in preparation).

PERSIAN.

University Selections compiled and edited by Shams-ul-ulama Ahmad and Shams-ul-ulama Mirza Ashraf Ali.

Persian Grammar.

The following books are recommended :—

Dastur-i-Parsi-Amoz, Part I,
or
Miftah-ul-Qawaid.

ARABIC.

University Selections compiled and edited by Shams-ul-ulama Ahmad and Shams-ul-ulama Mirza Ashraf Ali.

Arabic Grammar.

A book on Arabic Grammar to be published by the University for the Matriculation and Intermediate Examinations.

HEBREW.

(*To be notified hereafter.*)

ARMENIAN.

Elishe's History of the War of the Vardanians, Parts I and II.
Elishe Vardapiet Doorian's "Course of Classical Armenian," Part I [Prose and Verse].

GREEK.

Xenophon ... Hellenica, Book II.
Lucian ... Vera Historia, Book I (School edition).
New Testament: the Gospel according to St. Mark, Chapter VII to the end.
Euripides ... Hecuba.

LATIN.

Cæsar ... De bello Civili, Book I.
Virgil ... Æneid, Book IV.

FRENCH.

P. Merimee ... Colomba.
Chateaubriand ... Le Dernier Abencerage.
Alfred de Vigny ... Cinq-mars.
Spencer ... First Book of French Poetry.
Fr. Coppee ... Le Luthier De Cremone.

BENGALI.

(For the Female candidates.)

Iswarchandra Vidyasagar—Sitar Vanavas.
Akshyakumar Dutt—Charupatha, Part II.
Hemchandra Banerjee—Poetical Selections (omitting the Introduction).

GRAMMAR.

Nakuleswar Vidyabhushan—Bengali Grammar (new edition).

VERNACULAR COMPOSITION.

BENGALI.

(Books to be read as presenting models of style.)

Iswarachandra Vidyasagar		Sakuntala.
Jogendranath Basu	...	Ahalya Bai.
Bireswar Pande	...	Aryya Patha.
Haranchandra Rakshit	...	Pratibha Sundari.
Chandranath Basu	...	Sanjam-Siksha (latest edition).
Dineschandra Sen	..	Behula.

HINDI.

(Books to be read as presenting models of style.)

Balbharat	...	Indian Press, Allahabad.
Upadesa Kusumakar (excluding Poetry pieces)		Khadgavilas Press, Bankipur.

URIYA.

(Books to be read as presenting models of style.)

Mrityunjay Kavyatirtha	...	Prabandhapatha.
Madhusudan Rao	...	Prabandhamala.

ASSAMESE.

(Books to be read as presenting models of style.)

Satyanath Borah	...	Sahitya-bichar.
Lakshminath Bezborah	...	Sadhu Kathar Kuki.
Hemchandra Barua	...	Pathamala.

BURMESE.

(Books to be read as presenting models of style.)

Mahazanakka.
Withandaya.
Temi.

HISTORY.

History of India.

The following books on Indian History are recommended to indicate the standard of knowledge required :—

Adharchandra Mookerjee	...	A Short History of the Indian People.
Haraprasad Sastri	...	History of India (Blackie & Son).
Sir William Hunter	...	Brief History of the Indian Peoples.
R. C. Dutt	...	A Brief History of Ancient and Modern India.
A. F. Rudolf Hoernle		History of India (Hindu Period only).
C. F. deLa Fosse	...	History of India for High Schools (British Period only).

Administration and Progress of India.

(Under British Rule.)

A text-book on the subject is in course of preparation.

GEOGRAPHY.

The following books are recommended :—

C. B. Clarke	...	Geographical Reader and Companion to the Atlas.
The World with fuller treatment of India (Longman's Geographical Series for India, Book II).		
Blanford	...	Elementary Geography of India, Burma and Ceylon.
Blanford	...	The Rudiments of Physical Geography for the use of Indian Schools.
Grove	...	A Primer of Geography.

N.B.—For a list of appliances which a recognised High School is required to possess for teaching the subject of Geography for the Matriculation Examination, see Calcutta University Calendar, Part II, pages 834-835.

ELEMENTARY MECHANICS.

No text-books are prescribed or recommended.

N.B.—For a list of apparatus indicating the approximate requirements of a recognised High School seeking to teach Elementary Mechanics for the Matriculation Examination, see Calcutta University Calendar, 1908, Part II, pages 835-836.

SENATE HOUSE,
The 6th October 1908.

G. C. MOOKERJEE,
Offg. Registrar.

ORDERS BY THE HON'BLE THE VICE-CHANCELLOR AND SYNDICATE OF THE CALCUTTA UNIVERSITY.

[*In all cases where reference is made to Chapters, Sections, Pages or Lines, thus Chapters I—IX, the reference is to be understood as inclusive.*]

INTERMEDIATE EXAMINATION IN ARTS, 1910.

SANSKRIT.

Prose.

In supersession of the previous notification on the subject, it is now announced that the prose portion of the Sanskrit Course for the Intermediate Examination in Arts in 1910 will consist of the Selections published by the University for the examination in 1909.

INTERMEDIATE EXAMINATION IN ARTS, 1911.

ENGLISH.

Poetry.

Goldsmith ...	... The Traveller.
Milton ...	... Comus.
Tennyson ...	... The Coming of Arthur.
Scott ...	... Marmion, omitting Canto II.

Prose.

Macaulay ...	... Essays on Milton and Addison.
Col. Malleson ...	... Akbar (Rulers of India Series).
William Black ...	... Goldsmith (English Men of Letters).

A paper will be set on Essay, Prosody and Rhetoric, and some questions will be set on unseen passages from works of the same standard of difficulty as those prescribed for the Matriculation Examination.

BENGALI.

(*Books to be read as presenting models of style.*)

Iswarchandra Vidyasagar ...	Sitar Banabas.
Abinash Chandra Das ...	Palasban.

Mahabharata, Adi Parva, Anukramanika and Parvasangraha Adhyay—Bengali Translation, *by* Kaliprasana Sinha.

Jogendranath Basu ...	Life of M. Madhusudan Datta (omitting the English portions).
Dineshchandra Sen ...	Ramayani Katha (omitting the notes).
Chandranath Basu ...	Tridhara.

HINDI.

(*Books to be read as presenting models of style.*)

Harishchandra ...	... Charitavali.
Prapatnarayan Misra	... Sangit Shakuntal.
Gadadhar Singh ...	... Kadambari.
Lala Sitaram ...	... Nitibatika.

ASSAMESE.

(*Books to be read as presenting models of style.*)

Selections from Katha Bhagavat.

1. Brahmar Moha-nasa.
2. Samanta Harana.

Selections from Jonaki.

1. Jivaner Amiya.
2. Manava-mahatva.

Selections from Usha.

1. Sarai Ghater Yuddha.
2. Dhana aru dhanar vyavahara.
3. Jivaner uddesya ki ?

BURMESE.

(*Books to be read as presenting models of style.*)

1. Maha-Janaka Jataka Vathu.
2. Vedura Jataka Vathu.
3. Sandakumara Jataka Vathu.
4. U. Ponya Myttaza.
5. Mahalankara Vathu.
6. Thamane Gyaw Loba Vathu.

URIYA.

(*Books to be read as presenting models of style.*)

Charupath, Part III, translated by Bichhanda Patnaik.

Ramsankar Ray ... Bibasini.
Sasibhusan Ray ... Dakhinatya Bhraman.

Adiparba of Mahabharata (Anukramanika and Parbasangrahadhyaya), translated by Gobinda Chandra Mahapatra.

SANSKRIT.

Poetry.

Raghuvansam—Cantos XIII and XIV with Mallinatha's Commentary.
Bhattikavyam—Cantos II and XII.

Prose.

Mahabharatam—Adiparva—Chapter III, abridged edition to be prepared by Babu Nrisinha Chandra Mookerjee, M.A., B.L., and Mahamahopadhyay Dr. Satish Chandra Bidyabhusan, M.A., PH.D.

Bisrutacharitam from Dande's Dasa Kumaracharitam—Expurgated edition to be prepared by Babu Nrisinha Chandra Mookerjee, M.A., B.L., and Mahamahopadhyay Dr. Satish Chandra Bidyabhusan, M.A., PH.D.

BENGALI.

(*For female candidates.*)

Kaliprasana Sinha ... Mahabharata (Nalopakyan).
Michael Madhusudan Datta Meghnad-badha, Canto IV.
Nabinchandra Das ... Raghuvansa, Canto XIII.
Akshaykumar Datta ... Charupath, Part III.

PALI.

Anderson's Pali Reader ... The course also includes a knowledge of Pali Grammar of higher standard than that required at the Matriculation Examination.

GRAMMARS RECOMMENDED.

E. Muller ... ... Pali Grammar,
or
Satischandra Vidyabhushana Kaccayana.

ARABIC.

University Selections compiled and edited by Shams-ul-ulama Ahmed and Shams-ul-ulama Mirza Ashraf Ali.

ARABIC GRAMMAR.

A book on Arabic Grammar to be published by the University for the Matriculation and Intermediate Examinations.

PERSIAN.

University Selections compiled and edited by Shams-ul-ulama Ahmad and Shams-ul-ulama Mirza Ashraf Ali.

CLASSICAL ARMENIAN.

Poetry.

Elishe Vardapiet Doorian's course of Classical Armenian, Part II.

Prose.

Moses of Khoren's History of Armenia, Part II.

The course also includes Grammar and Composition. The unseen passages in Armenian for translation into English will consist of simple prose not exceeding in difficulty the text prescribed for the Matriculation Examination.

GREEK.

Herodotus	... ...	Books VIII and IX.
Plato	... ...	Apology ; Crito.
Sophocles	... ...	Antigone.

LATIN.

Cicero	... ...	De Senectute ; Somnium Scipionis.
Livy	... ...	Book XXII.
Horace	... ...	Odes, Books I, II.

FRENCH.

Alfred de Vigny	...	Stello.
Modern French Poetry	...	(Macmillan).

HISTORY.

The following books are recommended :—

Tout	... ...	Advanced History of Great Britain.
Ransome	... ...	Advanced History of England.
Brewer	... ...	The Student's Hume.
Oman	... ...	History of England.
Gardiner	... ...	Student's History of England.
Bury	... ...	History of Greece for Beginners. (*N.B.*—This book comes down only to 322 B C.)
Smith	... ...	Smaller History of Greece, revised by Marindin.
Smith	... ...	Smaller History of Rome, revised by Greenidge.
Shuckburgh	... ...	History of Rome for Beginners.
Merivale and Puller	...	School History of Rome (only the portion from Actium to the end).

LOGIC.

The subject of Logic is to be studied as defined by the syllabus. Students are recommended to use one or more of the following books, or select portions thereof, with special reference to the course laid down in the syllabus :—

Carveth Read—Logic, Deductive and Inductive.
Bain—Logic (Deduction and Induction).
Keynes—Formal Logic.
Venn—Empirical Logic.

Preparatory Reading—Sudents are advised to read—

Jevons—Elementary Lessons in Logic
or
Minto—Logic

before joining the regular class.

The following books are recommended for the guidance of teachers :—

Hamilton—Lectures on Logic.
Mill—System of Logic.
Jevons—Principles of Science.
Bradley—Principles of Logic.
Bosanquet—Logic.
Sigwart—Logic.
Ueberweg—System of Logic and History of Logical Doctrines.

MATHEMATICS.

No text-books are prescribed. The subject is to be taught in accordance with the syllabus prescribed in the New Regulations.

PHYSICS.

(*To be notified hereafter.*)

CHEMISTRY.

(*To be notified hereafter.*)

GEOGRAPHY.

The following books are recommended :—

A. J. Herbertson ...	... The Junior Geography. (The Oxford Geographies, Vol. II.)
H. R. Hill ...	... An Elementary Class Book of General Geography.
W. H. A. Wood ...	... General Geography for Indian Students.
Blanford ...	... Elementary Geography of India, Burma and Ceylon.
Sime ...	... Geography of Europe.
Simmons and Richardson	... Introduction to Practical Geography.
W. A. Elderton ...	... Maps and Map Drawing.

PHYSIOLOGY.

Hill ... ... Manual of Human Physiology.

BOTANY.

Farmer, J. B. ...	Practical Introduction to the Study of Botany (London, 1905).
Bailey, L. H. ...	Botany, and Elementary Text for Schools (New York, 1901).
Darwin, F.... ...	Elements of Botany (Cambridge, latest edition).

Candidates who take up Botany will be required to possess a special knowledge of the following Natural Orders of plants :—

(1) Cruciferae.
(2) Malvaceae.
(3) Rhamnaceae or Sapindaceae.
(4) Leguminosae.
(5) Cucurbitaceae.
(6) Rubiaceae.
(7) Compositae.
(8) Solaneceae.
(9) Labiatae.
(10) Amarantaceae.
(11) Commelynaceae.
(12) Gramineae.

At the Intermediate Examination in Arts and Science a study of the outline of the life history of the following "Selected plants" is required to illustrate the gradual ascent in complexity of structure and reproductive cycle from the lowest fungi and algae to the phanerogams :—

(1) Mucor.
(2) Spirogyra.
(3) A Moss.
(4) A Fern.
(5) A Conifer.
(6) A Monocotyledon.
(7) A Dicotyledon.

ZOOLOGY.

J. Arthur Thomson ...	Outlines of Zoology (such portions of it as are required in the Syllabus).
Huxley and Martin ...	A Course of Elementary Instruction in Practical Biology (revised and extended by Professors G. B. Hawes and D. H. Scott, PH.D.

SENATE HOUSE,
The 6th October 1908.

G. C. MOOKERJEE,
Offg. Registrar.

ORDERS BY THE HON'BLE THE VICE-CHANCELLOR AND SYNDICATE OF THE CALCUTTA UNIVERSITY.

INTERMEDIATE EXAMINATION IN SCIENCE, 1911.

ENGLISH.

Same as for Intermediate Examination in Arts.

BENGALI.

(*Books to be read as presenting models of style.*)

Purna Chandra Basu	Kavya Sundari.
Ramendrasundar Trivedi ...	Prakriti.
Mahabharata—Adiparba, Anukramanika and Parbasangraha Adhyay ...	Bengali translation by Kaliprasanna Sinha.
Chandranath Basu	Tridhara.
Bireswar Pandey	Manabatattva (first 10 chapters only).
Dineschandra Sen	Ramayanikatha (omitting the notes).

HINDI.

(*Books to be read as presenting models of style.*)

Same as for Intermediate Examination in Arts.

ASSAMESE.

(*Books to be read as presenting models of style.*)

Same as for Intermediate Examination in Arts.

BURMESE.

(*Books to be read as presenting models of style.*)

Same as for Intermediate Examination in Arts.

URIYA.

(*Books to be read as presenting models of style.*)

Same as for Intermediate Examination in Arts.

MATHEMATICS.

No text-books are prescribed. The subject is to be taught in accordance with the Syllabus prescribed in the New Regulations.

PHYSICS.

(*To be notified later.*)

CHEMISTRY.

(*To be notified later.*)

GEOGRAPHY.

Same as for the Intermediate Examination in Arts.

PHYSIOLOGY.

Same as in Intermediate Examination in Arts.

BOTANY.

Same as in Intermediate Examination in Arts.

ZOOLOGY.

Same as in Intermediate Examination in Arts.

SENATE HOUSE,
The 6th October 1908.

G. C. MOOKERJEE,
Offg. Registrar.

ORDERS BY THE HON'BLE THE VICE-CHANCELLOR AND SYNDICATE OF THE CALCUTTA UNIVERSITY.

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B.A. EXAMINATION, 1911.

ENGLISH.

Pass Course.

Shakespeare	Merchant of Venice; Richard II.
Hales	Longer English Poems—Collins; Gray; Cowper; Coleridge; Wordsworth.
Tennyson	The Holy Grail (Idylls of the King).
Burke	Speech on American Taxation and the Speech on Conciliation with America.
Walter Raleigh ...	Shakespeare (English Men of Letters).
Charles Dickens ...	Tale of Two Cities.

HONOUR COURSE.

(*In addition to the subjects for the Pass Course.*)

Shakespeare ...	King Lear.
Matthew Arnold ...	Selected Poems in the Golden Treasury Series;
Matthew Arnold ...	Essays in Criticism, 1st series, omitting the Essay on Joubert and the Essays on Maurice de Guerin and Eugene de Guerin.
Ruskin	Munera Pulveris.

The following books are recommended for the study of the Philology of the English Language and the History of English Literature:—

Lounsbury	Philology of the English Language.
Latham	Handbook of the English Language.
Thomson	Students' English Literature, founded upon the Manual of Thomas B. Shaw.
Saintsbury	Short History of English Literature.

The following book has been prescribed for candidates who take up the alternative paper in English:—

Brandes	Shakespeare.

VERNACULAR COMPOSITION.

BENGALI.

(*Books to be read as presenting ideals of character and models of style.*)

Bankim Chandra Chatterjee	Durgesnandini.
Rabindranath Tagore ...	Essay on Vidyasagar.
Chandranath Basu ...	Sakuntalatattwa.

HINDI.

(*Books to be read as presenting ideals of character and models of style.*)

Harischandra ...	Mudra Rakshas.
Pratapnarayan Misra ...	Suchal Siksha.
Gangaprasad Agnihotri ...	Nibandhmaladarsh.

ASSAMESE.

(*Books to be read as presenting ideals of character and models of style.*)

Selections from Katha Bhagavat.

1. Sri Krishner Janma.
2. Kaliya-damana.
3. Varsha aru Sarat Vernana.

Selections from Jonaki.

1. Samsara pravaha.
2. Atma-Samyama.

Sakuntala, by Lambodar Bora (the whole).

BURMESE.

(Books to be read as presenting ideals of character and models of style.)

Buridat Zat.
Narada Zat.
Zinatthapakathani.

URIYA.

(Books to be read as presenting ideals of character and models of style.)

Radhanath Ray ... Mahajatra, Cantos I—IV.
Raghuvansa, translated by Bichhanda Patnaik.

SANSKRIT.

PASS COURSE.

Poetry.

Manusamhita—Chapter II with Kulluka's Commentary.
Kiratarjuniyam—Cantos I and II with Mallinatha's Commentary.

Drama.

Abhijnanasakuntalam.
Mudra Rakshasam.
History of Sanskrit Literature as in Macdonell (omitting Chapters II—IX).

HONOUR COURSE.

(In addition to the subjects for the Pass Course.)

Poetry.

Bhattikavyam—Cantos XVIII and XIX.
Kadambari—Pages 102 to 124, Bombay Edition, commencing with
"तातः चन्द्रपीड़" to "अच्छोदं नाम सरोदृष्टवान्"।
Rigveda Samhita—Hymns from the Rigveda, with Sayana's Commentary, edited by Peterson, Part I, Suktas 1—12.
History of Sanskrit Literature as in Macdonell.

Grammar and Rhetoric.

Siddhanta Kaumudi—Karaka and Samasa.
Dandi—Kavyadarsa. Sahitya Darpan, Chapter VI.

PALI.

PASS COURSE.

Poetry.

Dhammapada.
Khuddaka Patha.

Prose.

Milinda-Panha (Trenckner's edition), pages 1—216.
Dhammapada—Attha-Katha, Vol. I, edited by Mr. Norman in the P. T. S.

GRAMMAR.

Rupasiddhi (Rangoon or Colombo Edition).
Kielhorn's Sanskrit Grammar.

COMPARATIVE PHILOLOGY.

Peile's Primer of Philology.

HONOUR COURSE.

(In addition to the subjects for the Pass Course.)

Mahavansa—Chapters 1—5.
Dighanikaya—Mahagovinda Sutta, Mahaparinibana Sutta.
Rhys Davids—Buddhist India.

Arabic.

University Selections to be compiled and edited by Shamsul-ulama Ahmad and Shamsululama Mirza Ashraf Ali.

Arabic Grammar.

A book on Arabic Grammar to be published by the University.

Persian.

University selections compiled and edited by Shams-ul-ulama Ahmad and Shams-ul-Ulama Mirza Ashraf Ali.

CLASSICAL ARMENIAN.

PASS COURSE.

Poetry.

Bagratoonie's translation of Paradise Lost, Books IX, X, XI and XII.

Prose.

Agathangalo's History, Parts I and III.
Moses of Khoren's History.
The Course shall also include the History of Armenia.

HONOUR COURSE.

(*In addition to the subjects for the Pass Course.*)

Poetry.

Bagratoonie's Haik Dientsazn, Books I, II, III, IV and V.

Prose.

John Catholicus.
Elishe.

The Course shall also include the History of Armenian Literature and the elements of Armenian Philology.

HEBREW

(*To be notified later.*)

GREEK.

Pass Course.

Homer	... ...	Odyssey, Books I and II.
Sophocles	... ...	Œdipus Coloneus.
Plato	... ...	Phædo.
Demosthenes	... ...	De Corona.

The Course also includes Greek Syntax and Grammar and Greek History as prescribed for the Intermediate Examination in Arts.

HONOUR COURSE.

(*In addition to the subjects for the Pass Course.*)

Æschylus	... ...	Eumenides.
Aristophanes	... ...	Knights (Pitt Press School Edition).
Thucydides	... ...	Book IV.

PERMANENT SUBJECTS.

The following books may be consulted :—

Philology of the Greek Language,
Giles ... ... Comparative Philology.
History of Classical Greek Literature
Murray ... Greek Literature.

LATIN.

Pass Course.

Cicero	... ...	Pro Cluentio.
Livy	... ...	Book III.
Virgil	... ...	Georgics, Book I.
Lucan	... ...	Pharsalia, Book VII.

The Course also includes Latin Syntax and Grammar, and Roman History as prescribed for the Intermediate Examination in Arts.

HONOUR COURSE.

(In addition to the subjects for the Pass Course.)

Lucretius	...	Book II.
Catullus	...	Select Poems by F. P. Simpson (Macmillan).
Cicero	...	Letters (Tyrrell's Selections).
Tacitus	...	Annals, Book II.

PERMANENT SUBJECTS.

The following books may be consulted:—

Philology of the Latin Language,
Lindsay—Historical Latin Grammar.
History of Latin Literature to the end of the Augustan Period,
Mackail—Latin Literature.

FRENCH.

Pass Course.

E. Souvestre	...	Un Philosophe Saus les toits.
Sainte Beuve	...	Pages choisies.
Racine	...	Athalie.
Rostand	...	L'Aiglon.

The Course also includes French Grammar and the outlines of French History.

HONOUR COURSE.

(In addition to the subjects for the Pass Course.)

Corneille	...	Cid.
Molière	...	l'Avare.
Victor Hugo	...	Hornani.

The Course also includes French Grammar and the outlines of French History and also the elements of French Philology and the History of a selected period of French Literature.

GRAMMAR RECOMMENDED.

V. de Vavas ... ... Grammaire des Grammaires.

Text-book in French Philology recommended—

Darmesteter ... ... Historical French Grammar.

The period of French Literature selected for 1911 is the 17th century.

HISTORY.

Pass Course.

Paper I.—Lodge ... Modern Europe.

Paper II.—Period—The reigns of Charles II and James II:—

Macaulay	...	History of England.
Green	...	History of the English People.
Paper III.—Elphinstone	...	History of India.
Smith	...	Early History of India.
Taylor	...	Students' Manual of the History of India (only the British Period).

HONOUR COURSE.

(In addition to the subjects for the Pass Course.)

Paper IV.—Period from 479—404 B.C.:—

Bury	...	History of Greece.
Smith	...	History of Greece, revised by Marindin.
Grote	...	History of Greece.

Paper V.—Period from 264—146 B.C.:—

How and Leigh	...	History of Rome to the death of Cæsar.
Liddell	...	History of Rome, revised by Benecke.
Shuckburgh	...	History of Rome.
Mommsen	...	History of Rome, translated by Dickson.
Paper VI.—Hallam	...	Europe during the Middle Ages.

POLITICAL ECONOMY AND POLITICAL PHILOSOPHY.

Books recommended for the guidance of students :—

POLITICAL ECONOMY.

Pass Course.

Paper I.

Hadley ...	...	Economics.
Walker ...	...	Political Economy.
Gide ...	...	Principles of Political Economy.

Honour Course.

Paper IV.

(In addition to the Pass Course.)

Nicholson ...	...	Elements of Political Economy.
Marshall ...	...	Economics of Industry.

POLITICAL PHILOSOPHY.

Pass and Honour Courses.

Preparatory Reading.—Students are advised to read—

Raleigh ...	...	Elementary Politics.

Pass Course.

Paper II.

Bluntschli ...	...	Theory of the State.
Woodrow Wilson	...	The State.
Courtney ...	...	Working Constitution of England.

Pass Course.

Paper III.

Application of the Principles of Political Economy to Indian Topics.

Imperial Gazetteer	...	Vol. III (Economic).
Strachey ...	...	India.

Papers relating to changes in the Indian Currency System, 1893, published by the Government of India.

Baden-Powell—Land Revenue in British India.

Land Revenue Policy of the Indian Government (Government of India)—January 1902.

Honour Course.

Paper V.

(In addition to the Pass Course.)

Specially selected text—

Aristotle ...	...	Politics (translated by Welldon or Jowett).

Books recommended for the guidance of teachers—

Mill ...	...	Political Economy.
Nicholson ...	...	Principles of Political Economy.
Sidgwick ...	...	Development of European Polity.
Sidgwick ...	...	Elements of Politics.
Marshall ...	...	Principles of Economics.
Pollock ...	...	Introduction to the Science of Politics.
Ranade ...		Essays on Indian Economics.
T. Morrison	...	Industrial Organisation of an Indian Province.
Baden-Powell	...	Land Systems of British India.
R. C. Dutt	...	India in the Victorian Age.
R. C. Dutt	...	The Economic History of India under Early British Rule.
Bryce ...	...	American Commonwealth (for the Constitution of the United States).
Chesney ...	...	Indian Polity.
Webb ...	...	India and the Empire.
A. Lawrence Lowell	...	Governments and Parties in Continental Europe (2 Vols.) Longmans, Green & Co.

MENTAL AND MORAL PHILOSOPHY.

The following books are recommended for the B.A. Examination in 1911 to be used for studying the subject of Mental and Moral Philosophy as defined by the Sylla bus:—

PSYCHOLOGY.

(*Pass and Honours*).

Höffding—Outlines of Psychology.
Wundt—Human and Animal Psychology.
Stout—Manual of Psychology.

Preparatory Reading.—Students are advised to read—

James ... ... Text-book of Psychology.
Croom Robertson ... Elements of Psychology.

before joining the regular class.

ETHICS.

(*Pass and Honours*).

Seth—Study of Ethical Principles.
Martineau—Types of Ethical Theory.
Mackenzie—Manual of Ethics.
Mill—Utilitarianism.

Preparatory Reading—Students are advised to read—

Gizycki ... ... Introduction to the Study of Ethics.
Mohit Chandra Sen ... Elements of Moral Philosophy.

before joining the regular class.

GENERAL PHILOSOPHY.

(*Pass and Honours*).

Külpe—Introduction to Philosophy.
Marvin—Introduction to Philosophy.

NATURAL THEOLOGY.

(*Honours*).

Martineau—Study of Religion.
Flint—Theism, and Antitheistic Theories.

Preparatory Reading—Students are advised to read—

Knight—Aspects of Theism
or
Armstrong—God and the Soul

before joining the regular class.

HISTORY OF PHILOSOPHY.

(*Honours*).

The following books are recommended:—

Höffding—History of Modern Philosophy.
Erdmann—History of Philosophy.
Knight—Hume (Blackwood's Philosophical Classics).
Wallace—Kant (Ditto ditto).

Preparatory Reading.—Schwegler—History of Philosophy.

SPECIAL TEXT.

(*Honours*).

Descartes—Discourse on Method and Meditations (Veitch).

The following books are recommended for the guidance of teachers:—

PSYCHOLOGY.

James—Principles of Psychology.
Ward—Psychology (Art. in the Encyclopædia Britannica).
Ladd—Elements of Physiological Psychology.
Herbert Spencer—Principles of Psychology.
Bain—Senses and the Intellect.
Bain—Emotions and the Will.
Sully—Human Mind.
Wundt—Outlines of Psychology.

ETHICS.

Green—Prolegomena to Ethics.
Sidgwick—Methods of Ethics.
Wundt—Ethics.
Leslie Stephen—Science of Ethics.
Janet—Theory of Morals.
Paulsen—System of Ethics.
Abbott—Kant's Theory of Ethics.
Sidgwick—History of Ethics.
Alexander—Moral Order and Progress.

GENERAL PHILOSOPHY AND NATURAL THEOLOGY.

Green—Prolegomena to Ethics.
Bradley—Appearance and Reality.
E. Caird—Critical Philosophy of Kant.
Sidgwick—Philosophy of Kant and other Lectures.
Sidgwick—Philosophy, its Scope and Relations.
Herbert Spencer—First Principles.
Hegel—Philosophy of Mind (Wallace).
Hegel—Philosophy of Right (Dyde).
Lotze—Metaphysics.
Pfleiderer—Philosophy of Religion.
Caird—Introduction to the Philosophy of Religion.
W. G. Ward—Philosophy of Theism.
Janet—Final Causes.
Hegel—Philosophy of Religion (Spiers and Sanderson).
Lotze—Outlines of the Philosophy of Religion.
E. Caird—Evolution of Religion.
James—Varieties of Religious Experience.

HISTORY OF PHILOSOPHY.

Ueberweg—History of Philosophy.
Falckenberg—History of Modern Philosophy.
Leslie Stephen—English Thought in the Eighteenth Century.

MATHEMATICS.

Same as for the B.Sc. Examination.

PHYSICS.

(*To be notified later.*)

CHEMISTRY.

(*To be notified later.*)

PHYSIOLOGY.

Same as for the B.Sc. Examination.

BOTANY.

Same as for the B.Sc. Examination.

ZOOLOGY.

Same as for the B.Sc. Examination.

SENATE HOUSE,
The 6th October 1908.

G. C. MOOKERJEE,
Offg. Registrar.

ORDERS BY THE HON'BLE THE VICE-CHANCELLOR AND SYNDICATE OF THE CALCUTTA UNIVERSITY.

B.Sc. EXAMINATION, 1911.

MATHEMATICS.

Pass Course.

The following books are recommended:—

1. Higher Plane Trigonometry—
   Todhunter—Plane Trigonometry, edited by Hogg.
2. Plane Analytical Geometry—
   Loney—Elements of Co-ordinate Geometry.
   C. Smith—Elementary Treatise on Conic Sections.
3. Differential Calculus—
   Edwards—Differential Calculus for Beginners.
4. Integral Calculus and Differential Equations—
   Edwards—Integral Calculus for Beginners.
   Taylor—The Differential and Integral Calculus and Differential Equations.
5. Hydrostatics—
   Besant—Elementary Hydrostatics.
   Loney—Elements of Hydrostatics.
6. Astronomy—
   Parker—Elements of Astronomy.

Honour Course.

1. Higher Algebra—
   Hall and Knight—Higher Algebra.
   C. Smith—A Treatise on Algebra.
2. Elementary Theory of Equations—
   Hall and Knight—Higher Algebra.
   Cajori—Introduction to Theory of Equations.
3. Higher Plane Trigonometry—
   Todhunter—Plane Trigonometry, edited by Hogg.
4. Plain Analytical Geometry—
   Loney—Elements of Co-ordinate Geometry.
   C. Smith—Elementary Treatise on Conic Sections.
5. Elementary Solid Geometry—
   C. Smith—Elementary Treatise on Solid Geometry.
6. Elementary Principles of Vectors—
   Kelland and Tait—Introduction to Quaternions, 3rd Edition, edited by Knott.
   Henrici and Turner—Vectors and Rotors.
7. Differential Calculus—
   Williamson—Differential Calculus.
8. Integral Calculus and Differential Equations—
   Williamson—Integral Calculus.
   Murray—Introductory Course in Differential Equations.
9. Statics—
   Minchin—Statics, Volume I,
   or
   Jeans—Theoretical Mechanics.
10. Dynamics of a Particle—
    Williamson and Tarleton—Dynamics,
    or
    Jeans—Theoretical Mechanics.
11. Hydrostatics—
    Besant—Elementary Hydrostatics.
    Loney—Elements of Hydrostatics.
12. Astronomy—
    Parker—Elements of Astronomy.

N.B.—Candidates who take up Mathematics at the B.A. or B.Sc. Examination are recommended to refer to Saxelby's Practical Mathematics. Candidates who take up Honours in Mathematics at the B.A. or B.Sc. Examination are recommended to refer to Cox's Mechanics.

PHYSICS.

(*To be notified later.*)

CHEMISTRY.

(*To be notified later.*)

BOTANY.

Pass Course.

Vines, S. H. ...	An Elementary text-book of Botany (London, 1905).
Scott, D. H. ...	Structural Botany, 2 Vols. (London, 1904–06).
Darwin, F., and Acton, G. H.	Practical Physiology of Plants (Cambridge, latest edition).
Prain, D.	Bengal Plants (Calcutta, 1903), *or*
Roxburgh	Flora Indica, edited by C. B. Clarke (Calcutta, 1874).

Honour Course.

[In addition to the text-books for the Pass Course.]

Strasburger, E. ...	Text-book of Botany, translated by Porter, revised by Lang (Latest Edition, London).
Reynolds Green, J. ...	Vegetable Physiology (London, 1900).
Schimper, A. F. W. ...	Geography of Plants, (Oxford, 1903).

ZOOLOGY.

Pass Course.

Boas	Text-book of Zoology.
Shiply and MacBride ...	Zoology.
Oscar Hertwig ... and H. J. Campbell ...	The Cell.
Huxley and Martin ...	A course of Elementary Instruction in Practical Biology (Revised Edition).
P. J. Parker and W. N. Parker.	An Elementary Course of Practical Zoology.
Foster and Balfour ...	The Elements of Embryology (edited by Sedgwick and W. Heape).
Darwin	Origin of Species.

Honour Course.

[In addition to the subjects for the Pass Course.]

Miall and Hammond ...	The Structure and Life-history of the Harlequin Fly.
Miall and Denny ...	The Cockroach.

PHYSIOLOGY.

Pass Course.

Starling	Elements of Human Physiology (latest edition) *or*
Noel Paton ...	Essentials of Human Physiology (second edition).

Practical.

Schafer	Essentials of Histology. *and*
Halliburton ...	Essentials of Chemical Physiology
Brodie ...	Essentials of Experimental Physiology *or*
Beddard, Edkins Hill, Pembrey and Macleod ...	Practical Physiology

Honour Course.

Halliburton ... Handbook of Physiology.
Stewart ... ... Manual of Physiology.

Practical.

The same as for the Pass Course.

Syllabus in Experimental Physiology—

Pass Course.

The induction coil; single shocks; short circuiting key; effect of single shocks on the tongue; break-shock is stronger than the make-shock. Helmholtz's Modification; Neef's Hammer.

Pithing a frog; nerve-muscle preparation. Mechanical, chemical, thermal and electrical stimulation of muscle and nerve.

The Graphic method: Simple lever; crank lever (myograph); moist chamber. Minimal and maximal excitation with single induction shocks (make and break). Stimulation by constant current: contraction of muscle only at make and break.

The muscle curve:—Single contraction of a frog's muscle: the latent period, the period of contraction and the period of relaxation. Time tracing by tuning-fork. Method of after-loading. The influence of temperature and of load on muscular contraction. The work performed by a muscle during a twitch.

Elasticity and extensibility of muscle.

Summation of muscular contraction: tetanus.

Fatigue of muscle.

Thickening of a muscle on contraction.

Bernard's curare experiment.

Stimulation of a motor nerve; unequal excitability (greater nearer the centre of a motor nerve); excitability of flexor and extensor nerves.

Velocity of nerve-impulse (myographic method).

Electro-Physiology:—Galvani's experiment of contraction with metals; Galvani's experiment of contraction without metals.

The Frog's heart—Beating of the heart; effect of heat and cold (heart *in situ*); section of the heart: effect of heat and cold on excised heart.

Stannius' experiment.

Graphic record of the beat of the heart (suspension method and also direct registration with heart-lever).

Pulse—Sphygmographic tracing.

Blood-pressure in man: Sphygmometer (Hill and Bernard's).

Reflex action (simple experiments on a pithed frog).

Vision:—Accommodation; Scheiner's experiment; near and far point;

Purkinge sanson images: Phakoscope; Blind spot; yellow spot; Colour vision: Complementary colours.

HONOUR COURSE.

Additional Experiments—

The Induction Coil—Break extracurrent of Faraday.

The Rheonome: Effect of sudden variation of current.

Isotonic and Isometric contraction.

Influence of veratrine on muscular contraction.

Indefatigability of nerve.

Excitation of muscle by constant current; Polar excitation of a muscle.

Electrotonus. Electrotonic changes in excitability and conductivity of a nerve.

Kuhne's experiment of contraction without metals.

Examination of currents in muscle, nerve and heart by means of the reflecting galvanometer.

Frog's heart—Minimal stimulus causes maximal contraction. "Staircase effect." Single contraction of the ventricle. Tetanisation. Refractory period. Stimulation of the vagus. Action of drugs (Muscarin and Atropin) on the heart.

Voice and Speech: Laryngoscope.

Vision: Ophthalmoscope; Perimeter.

GEOLOGY.

No text-books prescribed or recommended. The subject is to be studied with the help, of the Syllabus prescribed in the Regulations.

EXPERIMENTAL PSYCHOLOGY.

The subject is to be studied as defined by the Syllabus. Students are recommended to use one or more of the following books or select portions thereof, with special reference to the course laid down in the Syllabus :—

Pass Course.

I.—General Psychology—

Hoffding—Outlines of Psychology.
Wundt—Human and Animal Psychology.
Stout—Manual of Psychology.

Preparatory Reading—Students are advised to read Stout's Groundwork of Psychology before joining the regular class.

II.—Experimental Psychology.

Titchener—Outlines of Psychology.
Külpe—Outlines of Psychology.
Scripture—New Psychology.

Laboratory Course—Titchener's Experimental Psychology, Volume I, Part I and Volume II, Part I.

Honour Course.

I.—General Psychology—Same as in the Pass Course.
II.—Physiological and Comparative Psychology.

Wundt—Outlines of Physiological Psychology (Volume I).
Ladd—Elements of Physiological Psychology.
Romanes—Mental Evolution in Man.
Romanes—Mental Evolution in Animals.
Lloyd Morgan—Comparative Psychology.
Herbert Spencer—Principles of Psychology (Volume I).

III.—Experimental Psychology—

In addition to the books recommended for the Pass Course, the following :—

Wundt—Outlines of Psychology.
Ladd—Elements of Physiological Psychology (select portions).

The following books are recommended for the guidance of teachers :—

General Psychology—

James—Principles of Psychology.
Ward—Psychology (Art. in the Encyclopædia Britannica).
Ladd—Elements of Physiological Psychology.
Herbert Spencer—Principles of Psychology.
Bain—Senses and the Intellect.
Bain—Emotions and the Will.
Sully—Human Mind.
Wundt—Outlines of Psychology.

Physiological and Comparative Psychology—

Zeihen's Introduction to Physiological Psychology.
Foster—Text-book of Physiology.
Helmholtz—Sensations of Tone.

Experimental Psychology—

Titchener—Experimental Psychology—

Volume I, Part II ... } Instructor's Manual.
Volume II, Part II ... }

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ENGLISH.

GROUPS A AND B.

Paper I—General History of English Literature.

No Text-books.

Paper II—Drama.

Shakespeare	King Lear. The Tempest.
Marlowe	Edward II.
Ben Jonson	Every Man in His Humour.

Paper III—Poetry.

Spenser	Faery Queene, Books III and IV.
Dryden	Absalom and Achitophel.
Shelley	Adonais.
Tennyson	The Idylls of the King.

Paper IV—Prose.

Sir Philip Sidney	Apology for Poetrie.
Dryden	Essay of Dramatic Poesy.
Shelley	Defence of Poetry.
Carlyle	Sartor Resartus.
Pater	Appreciations (Macmillan).

GROUP A.

Paper V.—(a) Text-book.

Chaucer and Outlines of Historical English Grammar.

Chaucer	The Prologue; The Knighte's Tale; The Nonne Prieste's Tale and Minor Poems, edited by Skeat, pages 1–99.

(b) Books recommended for study.

Morris	Historical English Accidence.
Kellner	Historical English Syntax.

Paper VI.—Selected Period of Poetry.

1795—1830 and special study of the Poetical Works of Wordsworth and Coleridge.

Paper VII.—Selected Period of Prose.

Chief Prose writings from 1850 to 1870.

Paper VIII.—Essay or Essays on subjects connected with the course.

No text-books.

GROUP B.

Paper V.—English Language and Literature prior to 1100 A.D.

Sweet	Anglo-Saxon Reader, Part I.

Paper VI.—English Language and Literature from 1100 A.D. to 1500 A.D., including Chaucer.

Morris and Skeat	Specimens of Early English, Parts I and II.
Skeat	Specimens of English Literature.

Paper VII.—Historical English Grammar, including the Elements of Teutonic Philology.

Books recommended for study.

Morris	Historical English Accidence.
Kellner	Historical English Syntax.
Skeat	Principles of English Etymology, 1st and 2nd series.
Helfenstiein	Comparative Grammar of the Teutonic Languages.

Paper VIII.—Essay or Essays on subjects connected with the Course.

No text-books.

M. A. EXAMINATION, 1910

GREEK.

Homer	Iliad and Odyssey.
Pindar, Theocritus	The whole.
Æschylus	Prometheus, Agamemnon, Euminides.
Sophocles	Œdipus Tyrranus, Ajax, Antigone.
Euripides	Hecuba, Bacchæ, Ion.
Aristophanes	Knights, Clouds, Frogs, Birds.
Herodotus	Books II and III, to the end of Chapter LXVI.
Thucydides	Books VI, VII and VIII.
Demosthenes	Orations against Leptines and Meidias and De Falsa Legationes.
Plato	Republic, Theaetetus.
Aristotle	Nicomachean Ethics, Books I—IV.

Permanent Subjects.

The following books are recommended:—

(*a*) Philology of the Greek Tongue and the Elements of Comparative Philology—

Giles	Comparative Philology.
Victor Henry	Comparative Grammar of Greek and Latin.
Goodwin	Moods and Tenses.

(*b*) General History and Antiquities of Greece—

Bury	History of Greece (larger edition).
Percy Gardiner	Grammar of Greek Art.

(*c*) History of Greek Literature—

Murray	Greek Literature.
Mahaffy	History of Classical Greek Literature.

LATIN.

Plautus	Rudens, Trinummus.
Terence	Adelphi, Phormio.
Lucretius	Books I, V and VI.
Virgil	
Horace	
Juvenal	Satires, omitting 2, 6, 9.
Cicero	Letters (Watson's Selections). Phillippic Orations.
Livy	Books I—IV.
Tacitus	Histories.

Permanent subjects.

(*a*) Philology of the Latin Tongue and Elements of Comparative Philology—

Giles	Comparative Philology.
Sayce	Introduction to the Science of Language.
Lindsay	Historical Latin Grammar.

(*b*) General History and Antiquities of Rome—

Mommsen	Roman History.
Ramsay	Roman Antiquities.

(*c*) History of Classical Latin Literature—

Mackael	Latin Literature.
Teuffel	History of Latin Literature.

M. A. EXAMINATION, 1911,

SANSKRIT.

The course shall include the following:—

(*The books prescribed for the first four papers are common to all the groups.*)

Paper I.—(*a*) Ashtaka I of the Rigveda, with Sayana's commentary thereon.

(*b*) Sayana's Introduction to his commentary on the Rigveda.

Paper II.—Siddhanta-Kaumudi (whole).

Paper III.—(*a*) The general principles and methods of Comparative Philology, including the elements of Phonetics.

(*b*) The history of the Indo-European family of languages, with special reference to Sanskrit (Vedic and Classical), and Prakrit.

(*c*) Sabda-saktiprakasika (with annotations edited by Mahamahopadhyay Kamakhynath Tarkabagis and Rai Rajendra Chandra Sastri Bahadur, M.A., to be shortly published by the University), and its bearing on the science of language.

Paper IV.—Two Essays, (*a*) dealing with some subject connected with the history of Sanskrit literature generally; (*b*) dealing with some subject connected with the history of the special department covered by the group taken up.

Papers V, VI, VII and VIII.—One of the following groups to be selected by the candidate:—

A. (*Literature.*)

Paper V.—(*a*) Poetry texts:—

Naishadha Charita	Cantos 15, 16 and 17, with Mallinatha's commentary.
Kamandakiya Nitisara	(Jibananda's edition) Chapters 8, 9, 10 and 11 (pages 37—62).
Sukra Nitisara	(Jibananda's edition) Chapter 4 (pages 507—670).
Mahabharata	Rajdharma, Santiparva, Chapters 56—60, 68, 69 and 86—88, Pratap Ray's edition.
Magh	Cantos 14 and 15, with Mallinatha's commentary.

(*b*) Translation from English into Sanskrit.

Paper VI.—(*a*) Drama texts:—

Vikramorvasi, Malati Madhava, Mrichhakatika, Venisanhara, Balaramayana.

Vararuchi's Prakrit Prakasa as is necessary for the appreciation of the Prakrit passages.

(*b*) Translation from English into Sanskrit.

Paper VII.—(*a*) Prose texts:—

Kadamvari	Part I.
Harshacharita	Chapters 5, 6 and 7.

(*b*) Unseen passages in Sanskrit Prose for translation into English.

Paper VIII.—(*a*) Rhetoric and Prosody, namely, Kavyaprakasa, Ekavali, Sarasvati—Kanthabharana, Sahitya-darpana and Pingala's Chhanda Sutras with Halayudha's Vritti.

(*b*) Unseen passages in Sanskrit Poetry for translation into English.

B. (*Vedas.*)

Paper V.—(*a*) Yaska's Nirukta and Pingala's Chhandasutras, with Halayudha's Vritti. Pratisakhya of the Rig-Veda, with the commentary of Uvata.

Paper VI—(*a*) Aitareya Brahmana with Sayana's commentary.

(*b*) Simple unseen passages in Vedic Sanskrit for translation into Classical Sanskrit.

[The interpretations of any recognised Indian School will be accepted.]

Paper VII.—(*a*) Vrihadaranyaka—Chapters III and IV.

Chhandogya—Chapters V, VI, VII and VIII.

(*b*) Simple unseen Sanskrit passages from any Upanishad for translation into English.

Paper VIII.—(*a*) Grihya Sutra—Gobhila with commentary.

(*b*) Translation from English into Sanskrit.

C. (*Mimansa and Smriti.*)

Paper V.—(*a*) Mimansa Sutras with Sabara Bhashya, first six chapters.

(*b*) Simple unseen Sanskrit passages from any Treatise or Commentary on the Mimansa Philosophy, such as the Sloka-Vartika and the Tantra-Vartika, for translation into English.

Paper VI.—(*a*) Jaiminiya Nyaya Mala Vistara and Mimansa Nyaya-prakasa.

(*b*) Simple unseen Sanskrit passages from any treatise or commentary on the Mimansa Philosophy, such as the Mimansa-Balaprakasa, and the Tupteeka, for translation into English.

Paper VII.—(*a*) Manu Samhita with Kulluka's commentary.

Dharma Sutras of Apastamba and Gautama with Haradatta's commentaries.

(*b*) Grihya-Sutra—Gobhila.

Paper VIII.—(*a*) Yajnavalkya Sanhita with Vijnanesvara's Mitakshara.

Parasara's Institutes with Madhava's commentary.

(*b*) Translation from English into Sanskrit.

D. (*Vedanta.*)

Paper V.—(*a*) Vedantasara (Jacob's Edition), Panchadasi, Vedanta Paribhasha Hastamalaka (with commentary), and Siddhantalesa.

(*b*) Simple unseen Sanskrit passages from any work on Vedanta Philosophy such as the Vivaranaprameya-Sangraha for translation into English.

Paper VI.—(*a*) Vedantasutras with Sankara Bhashya.

(*b*) Translation from English into Sanskrit.

Paper VII.—(*a*) Sribhashya—Chapter I, Part I.

(*b*) Advaita-Brahma-Siddhi.

Paper VIII.—(*a*) Bhagavadgita and Chhandogya as in Group B.
Munda, Mandukya.
Svetasvataropanishad with Sankara's commentary.

(*b*) Passages for translation into English from the Anubhashya and the Saivabhashya.

E. (*Sankhya and Yoga.*)

Paper V.—(*a*) Sankhyasutras of Kapila, with Vritti of Aniruddha.

Sankhya-Karika of Iswarakrishna, with Bhashya of Gaurapada.

(*b*) Simple unseen Sanskrit passages from any treatise or commentary on the Sankhya Philosophy, for translation into English.

Paper VI.—(*a*) Sankhya Pravachana Bhashya.

Sankhya-Sara and Sankhya-Tattva Kaumudi.

(*b*) Translation from English into Sanskrit.

Paper VII.—(*a*) Yoga Sutras of Patanjali, with Bhashya of Vyasa and Vritti of Bhoja. Yoga-Vartika of Vijnana-Bhikshu.

(*b*) Simple unseen Sanskrit passages from any treatise or commentary on the Yoga Philosophy, for translation into English.

Paper VIII.—(*a*) Yoga Vasishtha—Chapter on Nirvana, Part II.
Sarbadarsana-Sangraha.

(*b*) Translation from English into Sanskrit.

F. (*Nyaya and Vaiseshiha.*)

Paper V.—(*a*) Nyayasutras of Gautama, with the Bhashya of Vatsyayana, Vartika of Udyotkara, and Vritti of Visvanatha.

(*b*) Simple unseen Sanskrit passages from any treatise or commentary on the Nyaya Philosophy, for translation into English.

Paper VI.—(*a*) Nyayamanjari of Jayanta Bhatta.

Khandana Khanda Khadya of Sriharsha—Chapter I.

(*b*) Translation from English into Sanskrit.

Paper VII.—(*a*) Bhasha Parichheda Siddhanta-muktavali, Kusumanjali of Udayanacharyya with commentary of Ruchidatta and gloss of Vardhamana.

(*b*) Translation from English into Sanskrit.

Paper VIII.—(*a*) Vaiseshika Sutras of Kanada, with Bhashya of Prasastapada, Nyayakandali of Sridhara and Vritti of Jaynarain.

Saptapadarthi of Sivaditya, with commentary of Yatindramadhava.

(*b*) Simple unseen Sanskrit passages from any treatise or commentary on the Vniseshika Philosophy, for trauslation into English.

G. (*General Philosophy.*)

Paper V.—(*a*) Sankhyasutras of Kapila with Vritti of Aniruddha.

Sankhya Tattva-Kaumudi.

Yogasutras of Patanjali with the Bhashya of Vyasa and Vritti of Bhoja.

(*b*) Simple unseen Sanskrit passages from any work on Philosophy for translation into English.

Paper VI.—(*a*) Nyayasutras of Gautama with Bhashya of Vatsyayana and Vritti of Visvanatha. Vaiseshikasutras of Kanada, with Bhashya of Prasastapada, and Nyayakandali of Sridhara.

(*b*) Translation from English into Sanskrit.

Paper VII.—(*a*) Vedantasara (Jacob's Edition), Bhagavadgita, Vedantasutras, with Sankara's commentary, Chapter I, Parts I and IV; Chapter II, Part II.

(*b*) Translation from English into Sanskrit.

Paper VIII.—(*a*) Nyayaratnamala of Parthasarathi Misra; Mimansa Nyaya Prakasa of Apadeva. Upanishads—Isa, Kena, Katha, Prasna, Munda, Mandukya and Svetasvatara with Sankaras' commentary.

(*b*) Simple unseen Sanskrit passages from any work on Philosophy for translation into English.

H. (*Prakrit.*)

Paper V.—(*a*) Prasna Vyakarana and Vipakasutra.

(*b*) Translation from English into Sanskrit (or Prakrit, at the option of the candidate).

Paper VI.—(*a*) Prakrit portions of the following dramas:—
Sakuntala, Vikramorvasi, Malavikagnimitra, Uttaracharita, Malatimadhava, Mahavira-Charita, Mrichhakatika, Mudrarakshasa, Ratnavali, Karpuramanjari, Venisanhara.

(*b*) Translation from Sanskrit into Prakrit.

Paper VII.—(*a*) Setubandha; Gaudavaho; Kumarapalacharita together with a general knowledge of Prakrita Paingalam.

(*b*) Simple unseen passages in Prakrit for translation into English.

Paper VIII.—(*a*) Prakrit Grammar, as in Vararuchi's Prakrita Prakas (Cowell), Chhandah's Prakrita Lakshanam (Hœrnle), Hemchandra (Pischel).

Candidates are also expected to be familiar with the substance of Hœrnle's Grammar of the Gaudian languages.

(*b*) Simple unseen passages in Prakrit for translation into Sanskrit.

I.—(*Epigraphy and History.*)

Paper V.—(*a*) Rajatarangini and its continuations with Stein's Introduction and commentary.

(*b*) Unseen passages in Sanskrit for translation into English.

Paper VI.—(*a*) Inscriptions of Asoka.

(*b*) Early Indian Alphabets.

Paper VII.—*Epigraphia Indica*—Vol. I, Inscriptions Nos. 1, 8, 11, 13, 35.
Vol. III, Nos. 8 and 17.
Vol. V, Nos. 2 and 19.
Vol. VI, Nos. 1 and 14.
Vol. VII, No. 6.

Fleet's Corpus Inscriptionum.—Nos. 1—18, 33—37.

Prachina Lekha mala.—The first fifty Lekhas as published in the Kavyamala Journal.

Paper VIII.—(*a*) Ancient Geography of India.

(*b*) Translation from English into Sanskrit.

PALI.

GROUPS A, B AND C, COMMON PAPERS I—IV.

Paper I.

Jatakas—Ed. Fausboll, Nepātās VIII—XI.
Thera Gāthā } Pali Text Society's Edition.
Theri Gāthā }
Paramatthadipani on Theri Gāthā (P. T. S. Edition).
Digha Nikaya—The following six Suttas:—
Brahmajāla Sutta.
Samaññaphala Sutta.
Tevijja Sutta.
Mahāparinibbna Sutta.
Mahāsatipatthāna Suta.
Agaññā Sutta.
Sumangala Vilasini—The Commentaries on the six abovenamed Suttas (P. T. S. and Rangoon Edition).
Dhammapada—The whole with extracts from Buddha Ghosa's Commentary which are given in the Buddhist Text Society's Edition.
Anguttara Nekāyā—Tīka Nipāta.
Manorathapūrani—The portion dealing with the Tīka Nipāta of the Anguttara Nikaya (Colombo Edition).

Paper II.

Dhammasangani—Kāmāvacara, Kusala, Niddeso.
Atthasālini—Rangoon Edition, pages 86 to 185.
Nettipakarana—The whole.

Paper III.

Kaccāyana—The whole.
Rūpasiddhi—The whole.
Sanskrit Grammar for the B.A. Pass.
Kātantra—Nāmakalpa only.

Paper IV.

Sanskrit Text for the Intermediate.
Avadāna Kalpalatā—Pallavas 52-65.
Lalita Vistarā—The whole.
Ashvaghosha's Buddhacarita—The whole.

GROUP A (LITERARY).

Paper V.

Pischel—Grammar of the Prakrita Dialects.
Vararuchi—Prākrita-Prakasa.
E. Müller—Pali Grammar (Phonology only).
Victor Henry—Abstract of Pali Grammar.
Sayce—Introduction to the Science of Language.

Paper VI.

Inscriptions of Asoka—(Senart and Buhler).
Vincent Smith's Asoka—(Rulers of India Series).

Paper VII.

Rhys Davids { Buddhist India. / Buddhism. / American Lectures. }
Kern—Manual of Indian Buddhism.
Hardy—Manual of Buddhism.
Oldenberg—Buddha.

Paper VIII.

No text-books prescribed.

GROUP B (PHILOSOPHY).

Paper V.

Abhidhammattha Sangaha—The whole.
Vibhāvani Tika—Rangoon Edition—The whole.
Vibhanga—Whole (Rangoon Edition).
Sammohavinodani Atthakathā—Whole (Rangoon Edition).
Bodhicaryavatara—Whole (La Vallee Poussin's Edition).
Nyāyavindutīkā—Whole.

Paper VI.

Nāgārjuna's Madhyamika Karika with Vritti (Edition published in the Bibliotheca Buddhica).
Pramāna-naya-tatvâlokâlankāra.
Dignaga—Prâmāna—Sammuchchaya.

Paper VII.

Ātmatatvaviveka—Fasciculus I (Text only).
Sarvadarsnassangraha ... ... } The portions which deal with Buddhism.
Shatdarshana—Samuccaya (Ed. Suali)
Sankara-bhāshya—Adhyāya 2, Pāda 2, Aphorisms 18 to 32 dealing with Buddhism.
Udyotkara's Naya-Vartika—Adhaya I—Ahnika I, Adhyaya III—Ahnika I (Aphorisms 1-3).

Paper VIII.

No books prescribed.

GROUP C (EPIGRAPHICAL).

Paper V.

Mahavamsa—Chapters XXI-XXXVII with Tika (Batuwantudawe's Edition).

Paper VI.

Inscriptions of Asoka—Senart and Buhler.
Buhler—Indian Palæography and Epigraphy, seventeen Tables for Indian Palæography.

Paper VII.

Epipraphia Indica—Vol. I, Inscriptions VIII, XX, XXII, XXX, XXXV.
Vol. II, Inscriptions I, VIII, XXI.
Vol. III, Inscriptions XXXVII, XL, XLVI.
Vol. IV, Inscription XXIX.

Fleet's Corpus Inscriptionum Indicarum—Vol. III—

The Inscriptions of Samudragupta, Chandragupta, II.
Skandagupta, Viswavarman, Kumaragupta, Maharaja Hastin, Jayanatha, Sarvanatha.
The Junagarh Inscription—Rudradāmana.

Paper VIII.

Cunningham's Ancient Geography of India with additions and corrections by more recent scholars.

M. A. EXAMINATION, 1910 & 1911.

ARABIC.

The literature portion of the course, consisting of 40 pages, selected from Kitab-ul-Azhani and 40 pages selected from Yatemat-ut-Dhr, to be compiled by Mr. Harinath De and the rest of the course to be compiled by Shams-ul-Ulama Ahmad and Shams-ul-Ulama Mirza Ashruf Ali.

PERSIAN.

The course to be compiled by Shams-ul-Ulama Ahmad and Shams-ul-Ulama Mirza Ashruf Ali.

M. A. EXAMINATION, 1911.

PHILOSOPHY, MENTAL AND MORAL.

History of European Philosophy, Ancient, Mediæval and Modern.

The following books are recommended:—

Ueberweg—History of Philosophy.
Erdmann—History of Philosophy.
Zeller—Plato and the older Academy.
Zeller—Aristotle and the earlier Peripatetics.
Zeller—Stoics, Epicureans and Sceptics.
Höffding—History of Modern Philosophy.
Falckenberg—History of Modern Philosophy.
Hegel—History of Philosophy.
Janet and Seailles—History of the Problems of Philosophy.

The following works should be studied as illustrating the History of philosophical speculation or as landmarks in that history:—

Plato—Phædo, Theætetus, Philebus, Politicus.
Aristotle—Metaphysics (omitting Bk. IV).
Descartes—Meditations and Discourse on Method.
Kant—Critique of Pure Reason—(Transcendental, Æsthetic and Transcendental Logic only).

Outlines of Indian Philosophy.

The following books are recommended:—

Colebrooke—Essays on the Religion and Philosophy of the Hindus (account of the philosophical systems).
Max Müller—Six Systems of Indian Philosophy.
Deussen—Philosophy of the Upanishads.
Rhys Davids—Hibbert Lectures on Indian Buddhism.
Mrs. Caroline Rhys Davids—Psychological Ethics (Dhamma Sangani).
Madhavacharyya—Sarvadarsana Sangraha (Cowell and Gough).
[Charvaka, Bauddha, Arhata, Vaiseshika, Nyaya, Sankhaya, and Patanjali Systems.]

Sankara—Commentary on the Vedanta Sutras, Second Adhyaya. Padas I and II only (Thibaut).
Annam Bhatta—Tarkasangraha (Ballantyne and Bodas).
Kusumanjali (Cowell).

(i) PSYCHOLOGY.

General Psychology, Physiological Psychology, Comparative Psychology and Child Psychology.

The following books are recommended:—

James—Principles of Psychology.
Ward—Psychology (Art. in the Encyclopædia Britannica).
Sully—Human Mind.
Wundt—Outlines of Psychology.
Herbert Spencer—Principles of Psychology.
Bain—Senses and the Intellect.
Bain—Emotions and the Will.
Ribot—German Psychology of To-day.
Wundt—Outlines of Physiological Psychology, Vol. I.
Ladd—Elements of Physiological Psychology.
Romanes—Mental Evolution in Man.
Romanes—Mental Evolution in Animals.
Lloyd Morgan—Comparative Psychology.
Sully—Studies of Childhood.
Preyer—Mind of the Child.
Baldwin—Mental Development in the Child and the Race.

(ii) LOGIC.

Formal Logic, Epistemological Logic, Ontological Logic, Empirical Logic, Methodology of Science, Logic of Chance, Symbolic Logic.

The following books are recommended:—

Hamilton—Lectures on Logic.
Kant—Transcendental Logic (Critique of the Pure Reason).
Ueberweg—System of Logic.
Lotze—Logic.
Wallace—Logic of Hegel.
Bradley—Principles of Logic.
Sigwart—Logic.
Mill—System of Logic.
Bain—Logic (Deduction and Induction).
Venn—Empirical Logic.
Jevons—Principles of Science.
Pearson—Grammar of Science.
Venn—Logic of Chance.
Venn—Symbolic Logic.

(iii) ETHICS AND SOCIAL PHILOSOPHY.

Principles and Methods of Ethics, Psychology of Ethics, Metaphysics of Ethics, Sociological basis of Ethics, Philosophy of Right and of Law, Principles of Sociology.

The following books are recommended:—

Green—Prolegomena to Ethics.
Martineau—Types of Ethical Theory.
Sidgwick—Methods of Ethics.
Wundt—Ethics.
Paulsen—System of Ethics.
Herbert Spencer—Principles of Ethics.
Kant—Theory of Ethics (Abbott).
Kant—Philosophy of Law (Hastie).
Hegel—Philosophy of Right (Dyde).
Jeremy Bentham—Principles of Morals and Legislation.
Comte—Positive Polity—Social Statics and Social Dynamics.
Herbert Spencer—Principles of Sociology (Vols. I and II).
Giddins—Principles of Sociology.

(iv) PHILOSOPHY OF RELIGION.

Metaphysics of Religion, Theology and its Evolution, Science of Religion, Evolution of Religion, Psychology of Religion.

The following books are recommended:—

Lotze—Outlines of the Philosophy of Religion.
Hegel—Philosophy of Religion (Spiers and Sanderson).
Bradley—Appearance and Reality.
Herbert Spencer—First Principles—the Unknowable.
Stirling—Philosophy and Theology.

Martineau—Study of Religion.
Ward—Agnosticism and Naturalism.
Pfleiderer—Philosophy of Religion.
Pfleiderer—Development of Theology since Kant (Part I).
E. Caird—Development of Theology in the Greek Philosophers.
Flint—Agnosticism.
Paul Janet—Final Causes.
Tiele—Science of Religion.
E. Caird—Evolution of Religion.
Seeley—Natural Religion.
James—Will to Believe.
James—Varieties of Religious Experience.
Upton—Bases of Religious Belief.

(v) SOME SPECIAL BRANCH OF INDIAN PHILOSOPHY.

Any one of the three following groups:—

(1) The Nyaya Sutras of Gautama with Bhashya of Vatsyayana.
Vartika of Udyotkara and Vritti of Visvanatha.
The Bhasha-Parichchheda with Siddhanta Muktavali.
The Kusumanjali of Udayana with commentary.

(2) The Sankhya Karika of Isvarakrishna with Sankhya Tattvakaumudi of Vachaspati Misra.
The Sankhya Sutras with Sankhya Pravachana Bhashya of Vijnanabhikshu
The Vedanta Paribhasha.
The Hastamalaka with commentary.
The Advaita Brahma Siddhi.
Sankara's commentary on the Vedanta Sutras (the first four Sutras and Adhyaya II, Padas I and II).
Ramanuja's commentary on the Vedanta Sutras (Introduction and the first four Sutras).

(3) The Sutras of Kanada with Bhashya of Prasastapada and Nyayakandali of Sridhara.
The Bhasha Parichchhida with Siddhanta Muktavali.
Nagarjuna's Madhyamika Karika with commentary.
The Nyyavindu with commentary.

HISTORY.

The following are the selected periods, and following books have been (A) recommended for study and (B) named as books that may be referred to or consulted by candidates :—

(A) *Books recommended for study.*

PAPER I.

Selected period of English History.—From the Peace of 1815 to 1850, excluding the History of British India.
Spencer Walpole's History of England.
Martineau's History of the Thirty Years' Peace.
Cobden's Speeches on Free Trade.

PAPER II.

Selected Period of Indian History: from 1772—1793.
Forrest's Selections from State Papers preserved in the Foreign Department, 1772-1785.
Burke's Speeches on the Impeachment of Warren Hastings.
Syed Gholum Hosain Khan's Seir Mutaqherin, sections XII—XVIII, from page 39 of Vol. III to page 119 of Vol. IV of the Calcutta reprint of the English translation published by Cambray & Co.
Fifth Report from the Select Committee on the Affairs of the East India Company, 1812, Bengal Presidency, the Report and Appendices I—V (pages 1—635 of Vol. I of the Madras reprint published by Higginbotham & Co.).
Mill's History of British India—Edited by Wilson, Vols. III, IV, V.

PAPER III.

General History of the Ancient East.

Maspero's Dawn of Civilization ... ... } edited by Sayce, and translated
Maspero's Struggle of the Nations ... ... } by McClure
Maspero's Passing of the Empires ... ... }

PAPER IV.

Constitutional History of England.

Stubbs' Constitutional History of England.

Hallam's Constitutional History of England.

Erskine May's Constitutional History of England.

PAPER V.

International Law.

Wheaton's Elements of International Law, the third or the fourth English Edition.
Oppenheim's Treatise on International Law.

PAPERS VI AND VII.

One of the following:—

(*i*) *History of Islam*:—

Muir's Life of Mahomet.
Muir's Annals of the Early Caliphate.
Gibbon's Decline and Fall of the Roman Empire, Chapters 50-53, 56-59, 64, 65, 67, 68.
Conde's Arabs in Spain, translated by Foster.
Lane-Poole's History of Egypt—Middle Ages.
Ferishta's History translated by Briggs.
Elliot's History edited by Dowson.
Thomas' Chronicles of the Pathan Kings of Delhi.
Thomas' Revenue Resources of the Mughal Empire.
Ain-i-Akbari, translated by Blochmann and Jarrett.

(*ii*) *Special period of Indian History*—The Hindu Period from the earliest times to the beginning of the 13th century.

Mahabharata—Santi Parva—Sections 56-157 (pages 168-515, of Pratapchandra Ray's English translation).

Manusamhita—Translation by Bühler, in Sacred Books of the East.

Muir's Sanskrit Texts—Vol. I, Vol. II; Chapters 1 and 3, Vol. V, sections 22 and 23.

Weber's Indian Literature—The Vedas and Vedic Literature.

Duff's Chronology of India.

The Indian Antiquary, the Asoka Inscriptions, articles in Vols. IX, X, XVII, XVIII, XIX, XX and XXI.

Epigraphia Indica, Vol. II, portions relating to Asoka.

Corpus Inscriptionum Indicarum, Vol. III, the English portions only.

Kern's Manual of Indian Buddhism.

Cunningham's Geography of India.

Greek writers on India—Ktesias Megasthenes, Arrian, the Periplus of the Erythraean Sea, Nearchus and Ptolemy, all translated by McCrindle; McCrindle's Invasion of India by Alexander the Great.

Chinese Writers on India { Fa Hian, translated by Legge.
Hiouen T'sang, translated by Beal.

Muhammadan writers on the Hindu Period—Alberuni's India, omitting the Mathematical details.

Bhandarkar's Early History of the Deccan.

Tod's Rajasthan—"History of the Rajpoot Tribes" and "The Feudal System in Rajasthan." (Vol. I, pages 1-174 of the Madras Reprint, published by Higginbotham & Co.)

(*iii*) *Economic History of England and India*:—

Cunningham's Growth of English Industry and Commerce.
Levi's History of British Commerce.
Ashley's Economic History from the 11th to the 16th Century.
Unwin's Industrial Organization in the 16th and 17th Centuries.
Toynbee's Industrial Revolution of the 18th Century.

Imperial Gazetteer of India, new edition, Vol. III (Economic) of the volumes on the Indian Empire.

Baden-Powell's Land Systems of British India (the portions bearing on Economic History).

Moral and Material Condition and Progress of India. (A knowledge of the general features of this condition and progress obtainable from a comparison of some of the annual issues is required, without insistence on numerical figures except in round numbers.)

(*iv*) *Comparative Politics*—

Freeman's Comparative Politics.

Main's Village Communities; Ancient Law; Early Institutions; Early Law and Customs Popular Government.

Grote's History of Greece
Mommsen's History of Rome
Merivale's Romans under the Empire
Gibbon's Decline and Fall
} the Chapters on Constitutional History in these four works.

Hallam's Middle ages.
Bodley's France.
Bryce's American Commonwealth.
Lowell's Governments and Parties in Continental Europe.

(*v*) *Special period of European History—the Reformation*—

The Cambridge Modern History, Vol. II.
Michelet's Life of Luther.
Creighton's History of the Papacy, Vol. VI.
Hardwick's History of the Christian Church during the Reformation.
Stubbs' Seventeen Lectures on Mediæval and Modern History (the portions bearing on the Reformation).
Lindsay's History of the Reformation.
Burnet's History of the Reformation of the Church of England, Vols. I, II, III.
Froude's History of England
Burton's History of Scotland
} The Chapters bearing on the Reformation.

(B) *Books that may be referred to or consulted.*

PAPER I.

Grenville's Journal of the reigns of George IV, William IV and Queen Victoria.
Sir R. Peel's Speeches on the Agricultural Distress and the Corn Laws.
Morley's Life of Gladstone, Books I, II, III.
Gladstone's Gleanings of Past Years, Vol. V.
Campbell's Lives of the Chancellors Eldon, Lyndhurst and Brougham.

Paper II.

Grant Duff's History of the Mahrattas.
Lieutenant-Colonel Wilks' Historical Sketch of the South of India.
Sir J. F. Stephen's Nuncomar and Impey.
Beveridge's Trial of Nundkumar.
Strachey's Hastings and the Rohilla war.

Paper III.

Rawlinson's Five Great Monarchies.
Petrie's and Mahaffy's History of Egypt.
Ancient Records—Egypt, translated by Breasted.
Ancient Records—Assyria and Babylonia, translated by Harper.

Paper IV.

Dicey's Law of the Constitution.
Dicey's Privy Council.
Anson's Law and Custom of the Constitution.

Paper V.

Hall's Treatise on International Law.
Kent's Commentary on International Law, edited by Abdy.
Woolsey's Introduction to International Law.
Maine's Lectures on International Law.

Papers VI and VII.

(*i*) As Suyuti's History of the Caliphs, translated by Jarrett.
Price's Mahomedan History from Persian Authorities.
Sir J. Malcolm's History of Persia.
Creasy's Ottoman Turks.
Freeman's Ottoman Power in Europe.
Khuda Baksh's History of Islamic Civilization.
Bayley's Guzerat.
Tabakat-i-Naziri, translated by Raverty.
Muntakhab-ul-Tawarikh, translated by Ranking.
Akbar-Nama, translated by Beveridge.
Jadunath Sarkar's India under Aurangzeb.

(ii) Rapson's Indian Coins.
Kalhana's Rajtarangini—English translation by Stein.
Corpus Inscriptionum Indicarum, Vol. I.
(iii) Macpherson's Annals of Commerce.
Young's Tour in Ireland.
Rogers' Six Centuries of Work and Wages.
Rogers' Industrial and Commercial History of England.
Rogers' Economic Interpretation of History.
Dowell's History of Taxation and Taxes in England.
Fuchs' Trade Policy of Great Britain, translated by Archibald.
Macpherson's History of European Commerce with India.
Hunter's Annals of Rural Bengal.
Macdonnell's Report on the Food-grain Supply in Bengal and Behar, 1873-74.
Report of the Famine Commission, 1898.
Ranade's Essays on Indian Economics, the 2nd edition, or the 1st edition with the omission of the Introductory Essay.
Dutt's India under Early British Rule.
Dutt's India in the Victorian Age.
Morison's Industrial Organization of an Indian Province.
(iv) Freeman's Historical Essays, Four Series.
Freeman's History of Federal Governments.
Freeman's Greater Britain and Greater Greece.
Aristotle's Constitution of Athens, translated by Poste.
Coulanges' Ancient City, translated by Small.
Guizot's History of Civilization.
De Tocqueville's France before the Revolution of 1789.
Bryce's Holy Roman Empire.
Lecky's Democracy and Liberty, Vol. I.
(v) Foxe's Acts and Monuments: from book VII.
Seebohm's Oxford Reformers of 1498.
Roscoe's Leo the Tenth.
Ranke's History of the Popes.
Robertson's Charles the Fifth.
Armstrong's Charles the Fifth.
Schaff's Reformation in Switzerland.
Schaff's Reformation in Germany.
Fuller's Church History of Britain, Vols. III and IV.
Lingard's History of England ... } The Chapters bearing on the Reformation.
Brewer's Reign of Henry VIII ... }
Baird's History of the Rise of the Huguenots.
Freeman's Cardinal Pole in Historical Essays, 4th series.

POLITICAL ECONOMY AND POLITICAL PHILOSOPHY.

(A) BOOKS RECOMMENDED FOR STUDY BY CANDIDATES.

Papers I and II.

Limits.—Standard general text-books by English economists, and standard works on some portions of economics not included under the heads of Papers VI and VII.

Books.—Adam Smith's Wealth of Nations.
Mill's Principles of Political Economy.
Marshall's Principles of Economics (without the appendix).
Palgrave's Dictionary of Political Economy (Articles treating of the more important questions of general economics only).
Keyne's Scope and Method of Political Economy.
Walker's Wages Question.
Menger's Right to the whole Produce of Labour, translated by Tanner.
Smart's Distribution of Income.

Papers III and IV.

These two papers have been taken together as some of the books recommended cover the ground of both.

Limits.—Recent views on the theory and principles of Politics, a somewhat full knowledge of the mechanism of Public Administration in England and India.

Books.—Spencer's Sociology, Vol. II.
Sidgwick's Elements of Politics.
Kidd's Principles of Western Civilization.
Bastable's Public Finance.
The English Citizen, his Rights and Responsibilities, edited by Craik (the entire series).
Imperial Gazetteer of India, new edition, Vol. IV (Administrative) of the volumes on the Indian Empire.

Administration Reports of Bengal *or* Eastern Bengal and Assam *or* Burma:—any recent issues to be read with the view explained in the note on Blue Books under Papers VI and VII, iii (Group A).

GROUP A.

Paper V.

Limits.—A somewhat full knowledge of the Economic History of England, and an outline knowledge of the same in some other countries.

Books.—Ingram's History of Political Economy.

Palgrave's Dictionary of Political Economy (Articles on the English, French, German and Italian Schools, and on the Chief English economists in the past).

Ashley's Economic History from the 11th to the 16th century.

Unwin's Industrial Organization in the 16th and 17th centuries.

Toynbee's Industrial Revolution of the 18th century.

Webb's History of Trade Unionism

Papers VI and VII.

(I)

Limits.—As defined by the Regulations.

Books.—Gilbart's History, Principles and Practice of Banking.

Conant's History of Modern Banks of Issue.

Conant's Principles of Money and Banking.

Walker's Money.

Jevons' Money.

Nicholson's Money and Monetary Problems.

Del Mar's History of Monetary Systems.

Ricardo's High Price of Bullion, and Reply . . . . on the Report of the Bullion Committee.

(II)

Ricardo's Protection to Agriculture.

Fawcett's Free Trade and Protection.

Goschen's Theory of the Foreign Exchanges.

Sir R. Giffen's Essays in Finance, 2nd Series.

Bastable's International Trade.

Lord Avebury's Free Trade.

Smart's Return to Protection.

Fuchs' Trade Policy of Great Britain, translated by Archibald.

Cunningham's Growth of English Industry and Commerce.

Yeats' Recent and Existing Commerce.

Yeats' Growth and Vicissitudes of Commerce.

(III)

Sir R. Giffen's Essays in Finance, 2nd series.

Edgeworth's Statistical Methods.

Mayo-Smith's Science of Statistics, Part I.

Jubilee Volume of the Royal Statistical Society.

Statistical Abstract for the United Kingdom.

" " Principal Foreign Countries.

" " British Colonies, Possessions and Protectorates.

" " British India.

Commercial and Financial Statistics in British India.

(The above five Blue Books on current Statistics are to be studied with a view to a general knowledge of condition and progress, without insistence on numerical figures, except in round numbers.)

Imperial Gazetteer of India, new edition, Vol. I, Ch. IX, X.

Administration Reports of Bengal, *or* East Bengal and Assam, *or* Burma:—any recent issues to be read as explained in the note above on Blue Books, and with special reference to the Statistics given in them.

(IV)

Cournot's Mathematical Principles of the Theory of Wealth.

Jevons' Theory of Political Economy.

Marshall's Principles of Economics (The Mathematical portions).

Pantaleoni's Pure Economics, translated by Bruce.

Edgeworth's Mathematical Psychics.

Edgeworth's Articles in the Journal of the Royal Statistical Society and in the Economic Journal.

Pareto's articles summarized in the Economic Journal for 1895.

Wicksteed's Alphabet of Economic Science.

GROUP B.

Paper V.

Limits.—A study at first hand of the requisite portions of the works named under "Theories of the State" is required.

Books.—The Theories of the State embodied in (1) Aristotle's Politics. (2) Hobbes' Leviathan. (3) Spinoza's Political Treatise. (4) Locke's two Treatises on Government. (5) Montesquieu's Spirit of the Laws. (6) Rousseau's Social Contract. (7) Kant's Principles of Politics (being the collective title of the English translation by Hastie of his four Essays on Political theory). (8) Bentham's Fragment on Government. (9) Hegel's Philosophy of Right and (10) Spencer's Social Statics and the Man *versus* the State.

Pollock's Introduction to the History of the Science of Politics.

Dunning's History of Political Theories (*a*) Ancient and Mediæval, and (*b*) from Luther to Montesquieu.

Papers VI and VII.

(I)

Limits.—The institutions to be compared are classified thus:—

(*a*) Ancient Greek and Roman, (*b*) Ancient other than Greek and Roman, (*c*) of Mediæval Europe, (*d*) of Modern times, chiefly as in France, Germany and the United States (England and India having been already dealt with under Papers III and IV).

Books.—The same as those for the M.A. History, 1911, (A) Papers VI and VII, (iv) (Comparative Politics).

(II)

Limits.—The development in Time of the classes of Social Institutions mentioned by Spencer in his Principles of Sociology.

Books.—Comte's Positive Philosophy translated by Martineau, Vol. III.

Spencer's Principles of Sociology.
Giddings' Principles of Sociology.
Kidd's Social Evolution.
Kidd's Western Civilization.
Lubbock's Origin of Civilization and Primitive condition of man.
Tylor's Primitive Culture.
Buckle's History of Civilization.
Lecky's History of European Morals.
Lecky's Rationalism in Europe.
Lecky's Democracy and Liberty, Vol. II.
Max Müller's Origin of Religion.
Max Müller's Physical Religion.
Max Müller's Psychological Religion.

(III)

Limits.—Public and private International Law.

Books.—The same as those for the M.A. in History, 1911, (A) paper V, *with the addition of*—

Phillimore's Commentaries on International Law (the portions on Private Law).
Westlake's Treatise on Private International Law.
Dicey's Digest of the Law of England with reference to the Conflict of Laws.

(B) BOOKS THAT MAY BE CONSULTED OR REFERRED TO BY CANDIDATES.

Papers I and II.

Ricardo's Principles of Political Economy and Taxation.
Sidgwick's Principles of Political Economy.
Nicholson's Principles of Political Economy.
Cliffe Leslie's Essays in Political Philosophy.
Bohm-Bawerk's Theory of Capital.
Giffen's Essays in Finance, 1st Series.

Papers III and IV.

Bosanquet's Philosophic Theory of the State.
Beaulieu's Modern State.
Ilbert's Government of India.
Temple's India in 1880 (the political portions).

GROUP A.

Paper V.

Rogers' Six Centuries of Work and Wages.
Rogers' Industrial and Commercial History of England.
Dowell's History of Taxation and Taxes in England.
Howell's Conflict of Labour and Capital, being a History and Review of the Trade Unions of Great Britain.
Bohm-Bawerk's Capital and Interest.
Cossa's Introduction to the Study of Political Economy.

Papers VI and VII.

(I)

Macleod's Elements of Banking.
Farrer's Studies in Currency.
Palgrave's Dictionary (Articles on Banking and Currency).
Ricardo's Proposals for an Economical and Secure Currency.
Sir R. Peel's Speeches on the Bank Charter and on Currency.
Jevons' Investigations in Currency and Finance.
Walker's International Bimetallism.
Bagehot's Lombard Street.

(II)

Mun's England's Treasure by Foreign Trade.
Turgot's Formation and Distribution of Riches (the Sections on Commerce).
Sir R. Peel's Speeches on the Corn Laws.
Cobden's Speeches on Free Trade.
Chamberlain's Imperial Union and Tariff Reform.
Farrer's Free Trade *versus* Fair Trade.
Farrer's Retaliation and Commercial Federation.
Britannic Confederation (being papers edited by White), the economic portions.
Palgrave's Dictionary (Articles on International Trade).
Macpherson's Annals of Commerce.
Macpherson's History of European Commerce with India.
Cunningham's Rise and Decline of the Free Trade Movement.
British and Foreign Trade and Industries, being Memoranda, etc., prepared in the Board of Trade.
Sea-borne Trade and Navigation in India. (A knowledge of the general condition and progress obtainable from a comparison of some of the annual issues of blue books named above, is meant, without insistence on numerical figures except in round numbers.)

(III)

Rogers' History of Agriculture and Prices.
Tooke and Newmarch's History of Prices.
Mulhall's Dictionary of Statistics.
Mulhall's Industries and Wealth of Nations.
Journal of the Royal Statistical Society.
Statesman's Year-Book, the last or any recent issue.

(IV)

Venn's Logic of Chance and Jevons' Principles of Science (as far as they bear on this subject).

GROUP B.

Paper V.

Leslie Stephen's History of English Thought in the 18th Century (the political portions).
Morley's Machiavelli.

Papers VI and VII.

(I)

Books.—The same as those for the M.A. in History, 1911, (B) papers VI and VII, (iv) (Comparative Politics).

(II)

Tylor's Early History of Mankind.
Lyall's Asiatic Studies.

Lang's Custom and Myth.
McLonnan's Patriarchal Theory.
McLennan's Studies in Ancient History, 2nd series.
Westermark's History of Human Marriage.
Max Müller's Lectures on (1) Science of Religion, (2) Natural Religion, (3) Anthropological Religion.

(III.)

Books.—The same as those for the M.A. in History, 1911, (B) Paper V with the addition of—
Phillimore's Commentaries on International Law (the portions on Public International Law).
Bar's Theory and Practice of Private International Law, translated by Gillespie.
Story's Commentaries on the Conflict of Laws.

MATHEMATICS.

Pure Mathematics.

1. Higher Algebra—
   Hall and Knight—Higher Algebra.
   C. Smith—A Treatise on Algebra.
2. Higher Plane Trigonometry—
   Hobson—Plane Trigonometry.
3. Spherical Trigonometry—
   Casey—Spherical Trigonometry.
   Todhunter—Spherical Trigonometry (Ed. Leathem).
4. Theory of Equations and Algebra of Quantics—
   Burnside and Panton—Theory of Equations.
   Grace and Young—Algebra of Invariants.
   Elliott—Introduction to the Algebra of Quantics.
5. Plane Analytical Geometry, including Higher Plane Curves—
   Salmon—Conic Sections.
   Salmon—Higher Plane Curves.
   Basset—Treatise on Cubics and Quartics.
6. Geometry of Surfaces—
   Salmon—Geometry of Three Dimensions.
   Frost—Solid Geometry.
7. Differential Calculus—
   Edwards—Differential Calculus.
8. Integral Calculus—
   Williamson—Integral Calculus.
9. Differential Equations—
   Forsyth—Differential Equations.
10. Calculus of Variations—
    Bolza—Lectures on the Calculus of Variations.
11. (*a*) Theory of Functions—
    Forsyth—Theory of Functions, 2nd edition.
    (*b*) Theory of Groups—
    Burnside—Theory of Groups.
    Campbell—Theory of Continuous Groups.
    (*c*) Finite Differences and Calculus of Functions—
    Boole—Finite Differences.
    Carmichael—Calculus of Operations.
    Herschel—Examples of Calculus of Finite Differences.
    Babbage—Examples of Functional Equations.
    Whittaker—Modern Analysis.
    (*d*) Vector Analysis and Quaternions—
    Joly—Quaternions.
    Tait—Quaternions.
    Gibbs and Wilson—Vector Analysis.
    Gibbs—Scientific Papers, Vol. II, pp. 17—90.
    (*e*) Projective Geometry—
    Cremona—Projective Geometry.
    Scott—Modern Analytical Geometry.
    Reye—Geometry of Position. Tr. Holgate.
    Jessop—Line Complex.
    Russell—Foundations of Geometry.
    (*f*) Theory of Numbers—
    Matthews—Theory of Numbers.
    Smith—Reports on the Theory of Numbers (Collected papers, Vol. I, pp. 38—364).

Mixed Mathematics.

1. Advanced Statics, including Theory of Potential—
   Minchin—Statics, *or* Routh—Statics.
2. Dynamics of a Particle—
   Routh—Dynamics of a Particle.
3. Rigid Dynamics—
   Routh—Elementary Rigid Dynamics.
4. Hydrostatics, including Capillarity—
   Besant and Ramsey—Hydrodynamics, Part I (Hydrostatics).
5. Hydrodynamics—
   Lamb—Hydrodynamics, *or* Bassett—Hydrodynamics.
6. Spherical Astronomy—
   Newcomb—Spherical Astronomy.
7. (*a*) Theory of Elasticity—
   Love—Theory of Elasticity.
   Todhunter and Pearson—History of Theory of Elasticity.

   (*b*) Advanced Dynamics—
   Whittaker Analytical Dynamics.
   A. C. Webster—Dynamics.
   Routh—Advanced Rigid Dynamics.
   Hertz—Principles of Mechanics.

   (*c*) Higher Parts of Spherical Astronomy—
   Chauvenet—Spherical Astronomy.

   (*d*) Lunar and Planetary Theories—
   Adams—Lectures on Lunar Theory.
   Airy—Mathematical Tracts.
   Cheyne—Earth's Motion of Rotation.
   Brown—Lunar Theory.
   Cheyne—Planetary Theory.
   Moulton—Celestial Mechanics.

   (*e*) Figure of the Planets—
   Todhunter—History of the Theory of Attraction and the figure of the Earth.
   Thomson and Tait—Natural Philosophy.
   Airy—Mathematical Tracts.
   Airy—Figure of the Earth. Enc. Metr.
   Clarke and Radau—Figure of the Earth. (Enc. Britt., Vols. VII and XXVII).
   Pratt—Figure of the Earth.

   (*f*) Theory of Tides—
   Basset—Hydrodynamics.
   Darwin—Tides and Kindred Phenomena. (Murray, 1898.)
   Darwin—Tides. (Enc. Britt., Vols. XXIII and XXXIII.)
   Darwin—Scientific Papers, Vol. I, pt. I.
   Airy—Tides and Waves. (Enc. Metr.)

PHYSICS, 1911.

(*To be notified hereafter.*)

CHEMISTRY, 1911.

(*To be notified hereafter.*)

PHYSIOLOGY, 1911.

Books recommended.

Schafer ...	... Text-book of Physiology.
Howell ...	... Ditto.
Halliburton	... Text-book of Chemicial Physiology and Pathology.
Hammarsten	... Text-book of Physiological Chemistry, translated by Mandal.
Stohr ...	... Text-book of Histology (Edited by Schafer).
Mann ...	... Physiology Histology.
Biedermann	... Electro-Physiology.
Merat ...	... Physiology of the Nervous System.
V. Noorden	... The Physiology of Metabolism (Vol. I of Metabolism and Practical Medicine).

N.B.—Advanced students are expected to be in touch with the recent advances in Physiology, and in view of this they are advised to read the Journal of Physiology.

(*i*) In section Physiology, Part I, Regulation 7, Chapter XXXVII., the expression "A particular branch" shall mean one of the following five branches :—

1. Circulation and Respiration.
2. Alimentation and Metabolism.
3. Physiology of the Central Nervous System and the Organs of Sense.
4. Physiology of the Nervous System and the Muscular System.
5. Histology and Reproduction.

(*ii*) The four theoretical papers shall cover the following subjects—

Paper I.—Circulation, Respiration, Alimenation, Metabolism and Reproduction (Compulsory to all candidates).

Paper II.—Nervous System and Muscular System. (Candidates offering a piece of research work falling under the head of "Organs of Sense" will be exempted from this paper.)

Paper III.—Organs of Sense. (Candidates offering a piece of research work falling under any of the falling heads—Circulation, Respiration, Alimentation, Metabolism, Reproduction, Nervous System, Muscular System and Histology—will be exempted from this paper.)

Paper IV.—The branch of Physiology professed by the candidate for special study.

(*iii*) The Practical Examination shall include—

Paper I.—Chemical Physiology. (Candidates offering research work falling under the head of Histology or Exporimental Physiology will be exempted from this paper.)

Paper II.—Histology. (Candidates offering research work falling under the head of Chemical Physiology will be exempted from this paper.)

Paper III.—Experimental Physiology.

Paper IV.—Candidates' Special Subject.

BOTANY.

Strasburger, E. ...	Text-book of Botany, translated by Porter, revised by Lang (latest Edition, London).
Pfeffer, W. ...	Physiology of Plants, translated by Ewart (Oxford, 1900—1903).
Detmar	Practical Plant Physiology, translated by Moore (London).
Schimper, A. F. W. ...	Geography of Plants, translated by Fischer (Oxford, 1903).
Scott, D. H. ...	Studies in Fossil Botany (London, 1900).
Wallace, A. R. ...	Darwinism (London, 1881).
Prain, D.	Bengal Plants (Calcutta, 1903) or Roxburgh—Flora Indica, edited by C. B. Clarke (Calcutta, 1874).
Goebel, K. ...	Outlines of Classification, translated by Garnsey (Oxford, 1887).
Sachs, J.	History of Botany, translated by Garnesy (Oxford, 1890).
Strasburger, E., and Hillhouse, W. ...	Handbook of Practical Botany (London, 1900).

ZOOLOGY AND COMPARATIVE ANATOMY.

Books recomended.

Ray Lankester ...	Zoology (Treatise).
Balfour	Comparative Embryology.
Wallace	Darwinism.
Claus-Sidgwick ...	Elementary Text-book of Zoology.
Zittel	Palæontology.
Columbian University Scientific Series ...	From the Greeks to Darwin.
Cambridge Natural History Series ...	Edited by Shipley and Hammar.

SENATE HOUSE,
The 6th October 1908.

G. C. MUKERJEE,
Cfg. Registrar.

ORDERS BY THE HON'BLE THE VICE-CHANCELLOR AND SYNDICATE OF THE CALCUTTA UNINVERSITY.

M.Sc. EXAMINATION, 1911.

MATHEMATICS.

Same as for M.A. Examination for 1911.

BOTANY.

Same as for M.A. Examination for 1911.

PHYSIOLOGY.

Same as for M.A. Examination for 1911.

ZOOLOGY AND COMPARATIVE ANATOMY.

Same as for M.A. Examination for 1911.

PREMCHAND ROYCHAND STUDENTSHIP EXAMINATION, 1909.

ENGLISH.

The limits are defined as follows:—

(*a*) The development of the English language from the earliest times to the end of the Fourteenth Century, as illustrated in the Anglo-Saxon and English literature of this period.

BOOKS RECOMMENDED.

Sweet ...	...	Anglo-Saxon Reader, Part I.
Morris and Skeat	...	Specimens of Early English, Parts I and II.
Piers Plowman.		
Chaucer.		
Barlaam and Josaphat	...	As in the Bodleian (779), Vernor and Harley MSS.
Morris ...	...	Historical Outlines of English Accidence.
Kellner ...	...	Historical Outlines of English Syntax.
Oliphant ...	...	Old and Middle English.

(*b*) The English Drama from its rise to the end of the reign of Queen Anne;

or

English Poetry from 1700—1850 A.D.

SANSKRIT.

The limits are defined as follows:—

(*a*) *Literature*—

Dandin ...	...	Dasakumár-Charita.
Bhababhúti	...	Málati-Mádhab.
Bháravi ...	...	Kirátárjunya, I—XIV.
Bhattánaráyan	...	Beni-Sanhára.

A general acquaintance with Grammar and Rhetoric is required.

(*b*) *Philosophy*—

Vyása and Sankara ... Vedánta-Sutra with Bháshya.

(*c*) *Upanishad*—

Chándogya Upanishad with Sankara-Bháshya.
Brihadaranyaka-Upanishad with Sankara-Bhashya.

One paper shall be set on each of the above three branches. The fourth paper shall be an essay in Sanskrit on some topic connected with the subjects of the other three papers.

GREEK.

The limits are defined as follows:—

(i) A general knowledge of the works of the Greek authors in prose and poetry from the earliest times to 300 B.C and of Theocritus.
(ii) Greek composition in prose and verse.
(iii) Special subject—the Drama limited to the extant works of Æschylus, Sophocles, Euripides and Aristophanes.
(iv) Questions on textual Criticism and on the history of the Language.

LATIN.

The limits are defined as follows :—

(i) A general knowledge of the works of the Latin authors in prose and poetry from the earliest times to 17 A.D. and of Tacitus, Juvenal, and Persius.

(ii) Latin composition in prose and verse.

(iii) Special subject—Roman History from the earliest times to the death of Julius Cæsar.

(iv) Questions on textual Criticism and on history of the Language.

ARABIC.

The limits are defined as follows :—

Diwan-i-Imraul Qais.		
Diwan-i-Abâ-Nuwas.		
Fakihatul-Khulafa	...	First 101 pages.
Maqamat-i-Hariri	...	15 Maqumahs from the 26th.
Mukhtasar-i-Maani	...	Ilm-ul-Maani and Ilm-ul Bayan.
Sharh-i-Mulla Jâmi	...	From the beginning to the end of Al-Mansûbât.
Aruz-ul-Mifta	...	The whole.

COMPARATIVE PHILOLOGY, PALÆOGRAPHY AND EPIGRAPHY.

The limits are defined as follows :—

(i) The Science of Language and Comparative Philology generally.

(ii) The Comparative Grammar of the Indo-European and Semitic Languages.

(iii) The Languages of Europe with special reference to Greek, Latin, and English, their Palæography and Epigraphy.

(iv) The Languages of North India with special reference to Sanskrit and its cognates, their Palæography and Epigraphy.

NOTE.—One paper shall be set on each of the group (i), (ii), (iii) and (iv).

BOOKS RECOMMENDED.

Group (i).

Max Müller ...	...	Lectures on the Science of Language.
Sayce ...	...	Principles of Comparative Philology, Introduction to the Science of Language.
Whitney ...	...	Language and Study of Language.
Delbruck ...	...	Introduction to the Study of Language.
Paul ...	...	Principles of the History of Language (translated by H. A. Strong, 2nd edition, 1890).
Hovelacque ...	...	The Science of Language: Linguistics, Philology, Etymology (translated by A. H. Keane).
Key ...	...	Language: Its origin and development.

Group (ii).

Karl Brugmann	...	Elements of the Comparative Grammar of the Indo-Germanic Languages (translated by Dr. J. Wright, S. Conway, and W. H. D. Rouse).
Bopp ...	...	Comparative Grammar.
Schleicher ...	...	Compendium of the Comparative Grammar of the Indo-European Languages (translated by H. Bendall).
King and Cookson	...	The Principles of Sound and Inflection as illustrated in the Greek aud Latin Languages (1888).
Wright ...	...	Lectures on the Comparative Grammar of the Semitic Languages.
Martin ...	...	Inquiries concerning the structure of the Semitic Languages.
Haupt ...	...	Studies on the Comparative Grammar of the Semitic Languages with special reference to Assyrian (Journal, Royal Asiatic Society, Volume X).

Group (iii).

Byrne ...	...	Origin of the Greek, Latin, and Gothic roots (2nd edition, 1893).
Helfenstein ...	...	Comparative Grammar of the Teutonic Languages.
Latham ...	...	The English Language.
Marsh ...	...	Origin and History of the English Language. Comparative Grammar of the Anglo-Saxon Language.
Rask ...	...	Anglo-Saxon Grammar.

Sweet	Anglo-Saxon Reader. History of English Sounds.
Morris	Historical Outline of English Accidence.
Clark	The Origin and Varieties of the Semitic Alphabet (Chicago-London, 1887).
Thompson	Greek and Latin Palæography (1893).
Taylor	The Alphabet: An Account of the Origin and Development of Letters (1883).
Edinburgh Review, 1890 ...	The Origin of Alphabets.

Group (iv).

Muir	Original Sanskrit Texts, Vol. II.
Müller	A simplified Grammar of the Pali Language.
Cowell	Prakrita Prakáca of Vararuchi.
Hœrnle	1. Prakrita Lakshana, or Chanda's Grammar of the Ancient Prakrit. 2. Comparative Grammar of the Gaudian Languages. 3. Ancient Indian Alphabets (Centenary Review of the Asiatic Society of Bengal, Part II).
Beames	Comparative Grammar of the Modern Aryan Languages, 3 volumes.
Grierson	Seven Grammars of the Behari Dialects.
Grierson and Hœrnle ...	Comparative Dictionary of the Behari Language (the Introduction only).
Harkness	Ancient and Modern Alphabets of India.
Cust	The Modern Languages of the East Indies.

Corpus Inscriptionum Indicarum, Volume I. The Asoka Inscriptions, Volume III. The Gupta Inscriptions. Epigraphia Indica.

LOGIC AND MENTAL PHILOSOPHY, ETC.

The examination shall include—

(i) A general knowledge of Logic and a special study of the following :—
- (*a*) The Hegelian Theory of Logic.
- (*b*) The Theory of Induction.

(ii) A general knowledge of Mental Philosophy and special study of the following :—
- (*a*) Spencer's Theory of the External World.
- (*b*) Green's Theory of a Spiritual Principle.

(iii) A general knowledge of—
- (*a*) The History of European Philosophy.
- (*b*) The leading systems of Indian Philosophy, as in *Madhavâcharyya's Sarva-Darsana-Sangraha* (translated by Cowell and Gough).

(iv) A special study of—

(*a*) Aristotle ...	Psychology (translated by Edwin Wallace) ; *or*
Aristotle ...	Psychology (translated by William Alexander Hammond).
(*b*) Kant ...	Critique of Pure Reason (translated by Max Müller).
(*c*) Annam Bhatta ...	Tarka-Sangraha (translated by Ballantyne).
(*d*) Kapila ...	Sankhya Aphorisms (translated by Ballantyne).

NOTE.—One paper shall be set in each of the groups (i), (ii), (iii) and (iv).

NATURAL THEOLOGY AND MORAL PHILOSOPHY, ETC.

The examination shall include—

(i) A general knowledge of Natural Theology and a special study of the following :—
- (*a*) Martineau's Theory of Causalty.
- (*b*) Spencer's Theory of Evolution in its Relation to Religion and Ethics.

(ii) A general knowledge of Moral Philosophy and a special study of the following :—
- (*a*) The Nature and Development of Conscience.
- (*b*) The Theory of the Ultimate End of Action.

(iii) A general knowledge of—
- (*a*) The History of European Philosophy.
- (*b*) The leading systems of Indian Philosophy, as in *Madhavâcharyya's Sarva-Darsana-Sangraha* (translated by Cowell and Gough).

(iv) A special study of—

(a) Plato ... ... The Republic.
(b) Kant ... ... Theory of Ethics (as in Abbott).
(c) Vyása and Sankara ... Vedanta-Sútras with Bháshya (as in Part I of George Thibaut's translation).

NOTE.—One paper shall be set in each of the groups (i), (ii), (iii) and (iv).

HISTORY, POLITICAL ECONOMY, AND POLITICAL PHILOSOPHY.

The subject for History at the Premchand Roychand Studentship Examination in 1909 shall be *either* the Hindu *or* the Mahomedan Period of Indian History. Two papers shall be set on each alternative.

The examination in Political Economy and Political Philosophy shall be in a standard higher than that prescribed for the M.A. Examination, and shall include a knowledge of the historical development of these sciences. Two papers shall be set on these subjects.

The following books are recommended:—

HISTORY.

(a) *Hindu Period*, two papers:—

1. Mahabharata—Santi Parva—on the duties of a king and on the art of war, Sections 56—157 (pages 168—515, of Pratapchandra Roy's English translation).
2. Manusamhita—Translation by Büller, in Sacred Books of the East.
3. Muir's Sanskrit Texts—Vols. I-II, Chaps. 1 and 3 only; Vol. V, Sections 22 and 23 only.
4. Weber's Indian Literature—the Vedas and Vedic Literature only.
5. Duff's Chronology of India.
6. The Indian Antiquary—on the Asoka Inscriptions—articles in Vols. IX, X, XVII, XVIII, XIX, XX and XXI.
7. Corpus Inscriptionum Indicarum—Vols. I and III, the English portion only.
8. Epigraphia Indica—Vol. II, portions relating to Asoka only.
9. Cunningham's Geography of India.
10. *Greek writers* on India—Ktesias, Megasthenes, Arrian, the Periplus of the Erythræan Sea, Nearchus, and Ptolemy—all translated by McCrindle.
11. *Chinese writers* on India— { Fa Hian, translated by Legge. / Hiouen Tsang, translated by Beal. }
12. *Mahomedan writers* on the Hindu Period—Alberuni's India, omitting the mathematical details.
13. Vincent Smith's Ancient History of India from the monuments.
14. Bhandarkar's Early History of the Deccan.
15. Tod's Rajasthan—Vol. I (pages 1—174 only, of the Madras Reprint); "History of the Rajpoot Tribes" and "The Feudal System in Rajasthan."

(b) *Mahomedan Period*, two papers:—

1. Elliot's History of India, 8 Vols.
2. Bayley's Guzerat.
3. Briggs's Ferishta, 4 Vols.
4. Thomas's Chronicles of the Pathan Kings.
5. Tabakat-i-Nasiri, translated by Raverty, 2 Vols.
6. Muntakhab-ut-Tawarikh, translated by Ranking, 2 Vols.
7. Ain-i-Akbari, translated by Blochmann and Jarrett, 3 Vols.
8. Akbar-Nama, translated by Beveridge.
9. Timur's Institutes, translated by Davy.
10. Baber's Memoirs, translated by Erskine.
11. Stewart's History of Bengal.

POLITICAL ECONOMY AND POLITICAL PHILOSOPHY.

(c) *Political Economy*, one paper:—

1. Adam Smith—Wealth of Nations.
2. Mill—Political Economy.
3. Pierson—Principles of Economics.
4. Ricardo's Political Economy.
5. Jevons's Theory of Political Economy (omitting the mathematical portions)
6. Marshall's Principles of Economics.

7. Ingram's History of Political Economy.
8. Dictionary of Political Economy by Palgrave:—Select Articles on the following subjects:—
   (a) The English, French, and German Schools.
   (b) The Doctrines of the leading Economists of these Schools wherever further stated under their names.
   (c) The more important Articles on Economic Facts and Theories.

(d) *Political Philosophy*, one paper:—
1. Plato's Republic, translated by Jowett or by Davies and Vaughan.
2. Aristotle's Politics, translated by Welldon or Walford.
3. Bluntschli's Theory of the State, English Translation (Clarendon Press Series).
4. Wheaton's International Law.
5. Strachey's India: its Administration and Progress, 3rd edition.
6. Maine's Early Institutions.
7. Lewis's Government of Dependencies.
8. Lee-Warner's Protected Princes of India
9. Ilbert's Government of India.

SENATE HOUSE,
The 6th October 1908.

G. C. MOOKERJEE,
Offg. Regsstrar.

ORDERS BY THE HON'BLE THE VICE-CHANCELLOR AND SYNDICATE OF THE CALCUTTA UNIVERSITY.

LICENTIATE IN TEACHING EXAMINATION, 1911.

(1) THE THEORY AND PRACTICE OF TEACHING IN RELATION TO MENTAL AND MORAL SCIENCE AND (2) METHODS OF TEACHING SPECIFIC SUBJECTS AND SCHOOL MANAGEMENT.

Books recommended.

Lloyd Morgan ...	Psychology for Teachers (Edward Arnold).
Raymont ...	Principles of Education.
Barnett ...	Teaching and Organization.
Landon ...	Teaching and Class Management.
Francis Warner ...	The Study of Children and their School Training.
Adamson ...	The Practice of Instruction (Natural Society's Depository).
Welton ...	Principles of Teaching (University Tutorial Press).

(3) SELECTED EDUCATIONAL CLASSICS.

Locke ...	Some thoughts concerning Education.
Frœbel ...	Education of Man (International Educational Series published by D. Appleton & Co.).

(4) ENGLISH.

Shakespeare ...	Merchant of Venice; Richard II.
Hales ...	Longer English Poems—Collins; Gray; Cowper; Coleridge; Wordsworth.
Tennyson ...	The Holy Grail (Idylls of the King).
Burke ...	Speech on American Taxation and the Speech on Conciliation with America.
Walter Raleigh ...	Shakespeare (English Men of Letters).
Charles Dickens ...	Tale of Two Cities.

EXAMINATION FOR THE DEGREE OF BACHELOR OF TEACHING, 1911.

(1) THE THEORY AND PRACTICE OF TEACHING IN RELATION TO MENTAL AND MORAL SCIENCE, AND (2) METHODS OF TEACHING SPECIFIC SUBJECTS AND SCHOOL MANAGEMENT.

Books recommended.

Lloyd Morgan ...	Psychology for Teachers (Edward Arnold).
Raymont ...	Principles of Education.
Barnett ...	Teaching and Organization.
Landon	Teaching and Class Management.
Francis Warner ...	The Study of Children and their School Training.
W. James ...	Talks to Teachers on Psychology and to Students on some of Life's Ideals.
Findlay ...	Principles of Class Teaching.
Preyer ...	The Mind of the Child, Parts I and II.
Adamson ...	The Practice of Instruction (Natural Society's Depository).
Welton ...	Principles of Teaching (University Tutorial Press).

(3) HISTORY OF EDUCATIONAL IDEAS AND METHODS.

The following books are recommended as useful, for purposes of reference, to those engaged in teaching the prescribed course:—

Institutes of Manu	...	Chapter II.
Lalita-Vistara	...	Chapter X (Rajendralala Mitra's translation and notes).
Leitner ...	...	History of Indigenous Education in the Punjab, Part I, up to page 112.
Sarat Chandra Dass	...	Paper on Universities in Ancient India (Hindustan Review, March 1906).
Amir Ali ...	...	Spirit of Islam, Chapter XVIII.
Macdonald ...	...	Moral Training of the Young among Muslims (International Journal of Ethics, April 1905).
Quick ...	...	Educational Reformers.
Munro ...	...	Outlines of the History of Education (Macmillan).

(4) SELECTED EDUCATIONAL CLASSICS.

Books recommended.

Locke ...	...	Some Thoughts concerning Education.
Frœbel ...	...	Education of Man (International Education Series, published by D. Appleton & Co.).
Milton ...	...	Tractate on Education (Cambridge University Press)

SENATE HOUSE,
The 6th October 1908.

G. C. MOOKERJEE,
Offg. Registrar, Calcutta University.

ORDERS BY THE HON'BLE THE VICE-CHANCELLOR AND SYNDICATE OF THE CALCUTTA UNIVERSITY.

The following books have been prescribed as text-books for the Preliminary Examination in Law in 1911, for the Final Examination in Law in 1911, and for the M.L. Examination in 1910 respectively:—

PRELIMINARY EXAMINATION IN LAW, 1911.

(i) Jurisprudence	...	Maine's Ancient Law (Edited by Sir F. Pollock); Holland's Jurisprudence (10th Edition).
(ii) Elements of Roman Law and the Principles of Legislation.		Leage's Roman Private Law, omitting Part III and notes 1 to 9 (Macmillan). Bentham's Principles of Morals and Legislation (Clarendon Press Series), chapters XII-XVII.
(iii) Hindu Law	...	Mitakshara, chapter I, sections I-V; chapter II, sections I-X; Dáyabhága, chapters 1, 2, 5, 11; Mayne's Hindu Law and Usage, omitting chapters 1-3, 6-7, 11-13 and 20-21; Jogendranath Bhattacharyya's Chapter on Interpretation; Golapchandra Sarkar's Hindu Law, chapters 1-2, 12-13, 15.

The following *leading cases* to be studied in the original judgments as expositions of important legal principles have been prescribed for the Preliminary Examination in Law in 1911:—

Hindu Law.

1. Hunooman Pershad Panday *v.* Babooi Munraj Kunwar, 6 M.I.A., 393; 18 W.R., 81.
2. Bhubanmayi *v.* Ramkishore Acharya, 10 M.I.A., 279; 3 W.R., P.C., 15.
3. Gurugovind *v.* Anand Lal, 13 W.R., F.B., 49.
4. Tagore *v.* Tagore, 9 B.L.R., 377; 18 W.R., 359.
5. Surajbansi Koer *v.* Sheo Pershad, 6 I.A., 88; I.L.R., 5 Cal., 148.
6. Bhagwan Singh *v.* Bhagwan Singh, 26 I.A., 153; I.L.R., 21 All., 412.
7. Kattama Nachiar *v.* Raja of Sivagunga, 9 M.I.A., 539; 2 W.R., P.C., 31.

FINAL EXAMINATION IN LAW, 1911.

(i) Muhammadan Law ...	Sirajiya (except the details as to succession of distant kindred); Mulla's Principles of Muhammadan Law (omitting the details as to the succession of distant kindred).
(ii) The Law relating to Persons.	Act IX of 1875 (Majority); Stephen's Commentaries on the Laws of England (14th Edition), Book I; Book III, chapters 1-4; Book IV, Part I, chapters 2 and 6, or Campbell's Principles of English Law, Chapters IV, V, VIII, XII—XV.
(iii) (*a*) The Law of Land Tenures, Land Revenue and Prescription.	Regulations I, VIII of 1793; VIII of 1819; XI of 1825; Act VIII of 1885 (Bengal Tenancy Act), chapters I-VIII, XI, XIV, XV; Act XI of 1859; Act XV of 1877, sections 26-28; Upendranath Mitra's Indian Law of Prescription and Easements.
(*b*) The Law of Transfer *inter vivos*.	Act IV of 1882 (Transfer of Property Act); Act III of 1877 (Registration), sections 17, 18, 48, 49, 50.
(*c*) Principles of the English Law of Real Property and the Law of Intestate and Testamentary Succession (exclusive of the Hindu and the Muhammadan Law of Intestate Succession).	Williams' Principles of the Law of Real Property (20th Edition), Introduction, Part I (omitting chapters IX and XIII), Part II, Part IV (omitting chapter I) and Part V; Act X of 1865 (Succession), omitting Parts III-V, XXX, XXXI, and XXXV-XL; Act XXI of 1870 (Hindu Wills) except the provisions of the Indian Succession Act omitted from the study of that Act; Act V of 1881 (Probate and Administration Act).
(iv) The Principles of Equity, including the Law of Trusts.	Snell's Principles of Equity (13th Edition), Part I, Part II (omitting chapters VII-X, XIV, XV, XXI), Part III (omitting chapter XII).
(v) The Law of Contracts and Torts.	Anson's Law of Contract (11th Edition); Bigelow's Law of Torts (Eighth American Edition), omitting chapters 3, 8, 10, 11, 14, 15 and 16; Act IX of 1872 (Contract Act).
(vi) The Law of Evidence and the general principles of Civil Procedure.	Act I of 1872 (Evidence Act); Act V of 1908 (Civil Procedure), Sections 1—158; Schedule I, Orders I—X; XIV, XV, XVIII, XX, XXI—XXIII, XXXI-XXXII, XXXIV-XXXV, XXXIX, XLI, XLII, XLIII, XLV, XLVI, XLVII; Schedule II; Act XV of 1877, Sections 1—25.
(vii) The Law of Crimes and the general principles of Criminal Procedure.	Act XLV of 1860 (Penal Code), chapters 1-5, and such portions of chapters 6-23 as do not relate exclusively to the amount of punishment to be inflicted for an offence; Act V of 1898 (Criminal Procedure), omitting chapters 1, 9, 14, 33-40, 42, 43, 46 (except section 562); Fitz-James Stephen's General View of English Criminal Law.

The following leading cases to be studied in the original judgments as expositions of important legal principles have been prescribed for the Final Examination in Law in 1911:—

(i) Muhammadan Law.

1. Ashrufuddowla *v.* Hyder Hossain, 11 M.I.A., 98.
2. Abul Fata *v.* Russomoy Dhurchowdhury, L.R., 22 I.A., 76.
3. Khajooroonnissa *v.* Rowshan Jehani, I.L.R., 2 Cal., 184.

(ii) Law Relating to Persons.

1. Udny *v.* Udny, L.R., 1 H.L., Sc., 441.
2. Manneville *v.* Manneville, 10 Ves., 52.
3. Abraham *v.* Abraham, 9 M.I.A., 195.

(iii) Law Relating to Property.

(a) Land Tenures, Land Revenue and Prescription.

1. Lopez *v.* Muddunmohan Thakur, 13 M.I.A., 467; 14 W.R., P.C., 11.
2. Mohesh Narain *v.* Nawbut Pathak, I.L.R., 32 Cal., 837.
3. Sonet Kooer *v.* Himmut Bahadur, I.L.R., 1 Cal., 391.
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5. Norendronarain Roy *v.* Ishan Chunder Sen, 22 W.R., 22.
6. Maharanee Rajrup Koer *v.* Syed Abul Hossain, 7 I.A., 240; I.L.R., 6 Cal., 394.

(b) *Law of Transfer—Inter vivos.*

1. Bellamy *v.* Sabine, 1 DeG. and J., 566.
2. Ishanchunder *v.* Bishu Sardar, I.L.R., 24 Cal., 825.
3. Raja Kishen Dutt *v.* Raja Mumtaz, I.L.R., 5 Cal., 198.
4. Gokuldas *v.* Puran Mal, I.L.R., 10 Cal., 1035.
5. Noakes *v.* Rice, 1902, A.C., 24.
6. Lala Achal Ram *v.* Kazim Hosain, I.L.R., 27 All. 271; 32 I.A., 113.
7. Beni Ram *v.* Kundan Lal, I.L.R., 21 All., 496.

(c) *English Law of Real Property and the Law of Intestate and Testamentary Succession.*

1. Van Grutten *v.* Foxwell, 1897, A.C., 668.
2. Morley *v.* Bird, 3 Ves., 628.
3. *In re* Rosher, 26 Ch. D., 801.
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6. Bai Mativahoo *v.* Mamoobai, I.L.R., 21 Bom., 709.

(iv) *Equity and Trust.*

1. Mussoorie Bank *v.* Raynor, 7 App. Cas. 321; I.L.R., 4 All., 500.
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4. *In re* Hallet's Trust, 13 Ch. D., 696.
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(v) *Contracts and Torts.*

1. Mohori Bibi *v.* Dhurmodas, L.R., 30 I.A., 114.
2. Keightly & Co. *v.* Durant, 1901, A.C., 240.
3. Smith *v.* Hughes, L.R., 6 Q.B., 597.
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5. Barwick *v.* English Joint Stock Bank, L.R., 2 Ex., 259.
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7. Quinn *v.* Leathem, 1901, A.C., 495.
8. Derry *v.* Peek (Judgment of Lord Herschell), 14 App. Cas., 337.

(vi) *The Law of Evidence and the General Principles of Civil Procedure.*

(a) *Evidence.*

1. Gujju Lal *v.* Futteh Lal (Judgment of Mitter J.), I.L.R., 6 Cal., 171.
2. Sarat Chandra Dey *v.* Gopal Chandra Laha, I.L.R., 20 Cal., 296.
3. Balkishen *v.* Legge, I.L.R., 22 All., 149.

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5. Ishan Chandra Sarkar *v.* Benimadhub Sarkar, I.L.R., 24 Cal., 62.
6. Zainulabdin *v.* Asghar Ali, I.L.R., 10 All., 166.

(c) *Limitation.*

7. Rudrakant *v.* Nobo Kishore, I.L.R., 9 Cal., 663.

(vii) *Law of Crimes and the General Principles of Criminal Procedure.*

1. Reg. *v.* Gangadhar Tilak, I.L.R., 22 Bom., pp. 112-152.
2. Ganouri Lal Das *v.* Reg., I.L.R., 16 Cal., pp. 206-222.
3. Reg. *v.* Sricharan Chungo, I.L.R., 22 Cal., pp. 1017-1026.
4. Reg. *v.* Haradhan, I.L.R., 19 Cal., pp. 380-392.
5. Reg. *v.* Soshibhusan, I.L.R., 15 All., pp. 210-219.
6. Reg. *v.* Abbas Ali, I.L.R., 25 Cal., pp. 512-522.

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Manu ...	...	Institutes, Chapters 1, 3, 7, 8 and 9.	
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Devananda Bhatta	...	Smriti-Chandriká ...	
Váchaspati Misra	...	Viváda-Chintamani ...	
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Jimutaváhana	...	Dáyabhága.
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G. D. Banerjee	...	Marriage and Stridhana.
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Muhammadan Law.

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Baillie ...	...	Digest of Muhammadan Law—Sunni and Shia.
Ameer Ali	...	Muhammadan Law, Vols. I and II.
Wilson ...	...	Digest of Anglo-Muhammadan Law.

(2) JURISPRUDENCE AND PRINCIPLES OF LEGISLATION.

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Holland ...	...	Jurisprudence.
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Salmond ...	...	Jurisprudence.
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Kant...	...	Theory of Law, Translated by Hastie.

(3) PRINCIPLES AND HISTORY OF ROMAN LAW.

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Sohm ...	...	Institutes (translated by Ledlie).
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(4) PRIVATE INTERNATIONAL LAW.

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(5) and (6) Any *two* of the following:—

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Story ...	...	Equity Jurisprudence.
Underhill	...	Law of Trusts.
Agnew ...	...	Law of Trusts (Tagore Lectures, 1881).
White and Tudor	...	Leading Cases in Equity (7th Edition), omitting cases on the following subjects:—

Conversion, Donatio Mortis Causa, Election, Equitable Estoppel, Husband and Wife, Jurisdiction, Legacies, Satisfaction, Trustees, Waste.

(*ii*) *Law relating to Transfer of Immoveable Property and Law of Prescription.*

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Williams	...	Vendors and Purchasers.
Rashbehary Ghose	...	Law of Mortgage.
Goddard	...	Law of Easement.
		The Transfer of Property Act.
		The Indian Easement Act.

(*iii*) *Law relating to Wills.*

Underhill and Strahan		On the Interpretation of Wills and Settlements.
Theobald	...	Law of Wills.
Walker and Elgood	...	Law of Executors and Administrators.
Henderson	...	Law of Wills (Tagore Lectures, 1887).
		The Indian Succession Act.
		The Hindu Wills Act.
		The Probate and Administration Act.
Asutosh Mukhopadhyay.		The Law of Perpetuities in British India (Tagore Lectures, 1898).

(iv) Law of Contracts and Torts.

Pollock ...	... Principles of Contract, Law of Torts.
Street ...	... Foundations of Legal Liabilities.
Fry ...	... Specific Performance.
Finch ...	... Cases on the Law of Contract.
Kenny ...	... Cases on Torts.
	The Indian Contract Act.
	The Specific Relief Act.
Salmond ...	... On Torts.

(v) Principles and History of the Law of Real and Personal Property.

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Goodeve ...	... Personal Property.
Digby ...	... History of Real Property.
Leake ...	... Law of Property in Land.
Finch ...	... Cases on the Law of Property.

(vi) Principles and History of the Law of Evidence.

Best ...	... Evidence.
Thayer ...	... Preliminary Treatise on Evidence.
Phillimore	... History of Evidence.
Wigmore	... Cases on Evidence.
	Indian Evidence Act.

(vii) History of English Law.

Pollock and Maitland	History of English Law.
Reeves ...	... History of English Law, edited by Finlason.
Holdsworth	... History of English Law.
Kerly ...	History of Equity.

Selected Essays on Anglo-American Legal History, Vol. I (Cambridge, University Press.)

SENATE HOUSE,
The 6th October 1908.

G. C. MOOKERJEE,
Offg. Registrar.

ORDERS BY THE HON'BLE THE VICE-CHANCELLOR AND SYNDICATE OF THE CALCUTTA UNIVERSITY.

1. On the recommendation of the Syndicate and the Senate, the Government of India are pleased to order, under section 24, clause V of the Indian Universities Act, 1904 (VIII of 1904), that the rights conferred on the following institutions by affiliation to the Calcutta University be wholly withdrawn, with effect from 1st June 1909:—

(i) La Martinière College, Calcutta.
(ii) Calcutta Madrasah.
(iii) Albert College, Calcutta.
(iv) Doveton College, Calcutta.
(v) Armenian College, Calcutta.

2. On the recommendation of the Syndicate and the Senate, the Government of India are pleased to sanction, under section 22, read with section 21 (4) of the Indian Universities Act, 1904 (VIII of 1904), the affiliation of the Presidency College, Calcutta, to the Calcutta University up to the M.A. standard in English and Mathematics, with effect from the beginning of the current session.

3. On the recommendation of the Syndicate and the Senate, the Government of India are pleased to sanction, under section 22, read with section 21 (4) of the Indian Universities Act, 1904 (VIII of 1904), the affiliation of the Bangabasi College to the Calcutta University in Science up to the Intermediate standard in the subjects of English, Vernacular Composition, Physics, Chemistry and Botany, with effect from the beginning of the current session.

4. On the recommendation of the Syndicate and the Senate, the Government of India are pleased to sanction, under section 22, read with section 21 (4) of the Indian Universities Act, 1904 (VIII of 1904), the affiliation of the Tej Narayan Jubilee College, Bhagalpur, to the Calcutta University in Science up to the Intermediate standard in the subjects of English, Vernacular Composition, Mathematics, Physics and Chemistry, with effect from the beginning of the current session

5. On the recommendation of the Syndicate and the Senate, the Government of India are pleased to sanction, under section 22, read with section 21 (4) of the Indian Universities

Act, 1904 (VIII of 1904), the affiliation of the Ravenshaw College, Cuttack, to the Calcutta University in Science up to the Intermediate standard in the subjects of English, Vernacular Composition, Mathematics, Physics, Chemistry and Botany, with effect from the beginning of the current session.

6 On the recommendation of the Syndicate and the Senate, the Government of India are pleased to sanction, under section 22, read with section 21 (4) of the Indian Universities Act, 1904 (VIII of 1904), the affiliation of the Krishnagar College to the Calcutta University in Science to the Intermediate and B.Sc. standards in the following subjects, with effect from the beginning of the current session:—

Intermediate Examination in Science.—English, Vernacular Composition, Mathematics, Physics and Chemistry.

B.Sc. Examination.—Mathematics (Pass), Physics (Pass), Chemistry (Pass).

7. On the recommendation of the Syndicate and the Senate, the Government of India are pleased to sanction, under section 22, read with section 21 (4) of the Indian Universities Act, 1904 (VIII of 1904), the affiliation of the Cotton College, Gauhati, to the Calcutta University in Science up to the Intermediate standard in English, Bengali Composition, Mathematics, Physics and Chemistry with effect from the beginning of the current session.

8. On the recommendation of the Syndicate and the Senate, the Government of India are pleased to sanction, under section 22, read with section 21 (4) of the Indian Universities Act, 1904 (VIII of 1904), the affiliation of the Scottish Churches College, Calcutta, to the Calcutta University up to the B.Sc. standard in Honour Mathematics, with effect from the beginning of the current session.

9. On the recommendation of the Syndicate and the Senate, the Government of India are pleased to sanction, under section 22, read with section 21 (4) of the Indian Universities Act, 1904 (VIII of 1904), the affiliation of the L. M. S. College, Bhowanipur, to the Calcutta University to the standard of the Examination for Licentiate in Teaching with effect from the beginning of the current session.

10. On the recommendation of the Syndicate and the Senate, the Government of India, under section 24, sub-section (5) of the Indian Universities Act, 1904 (VIII of 1904), are pleased to order that, with effect from June 1909, the affiliation of the Scottish Churches College, Calcutta, to the Calcutta University shall be restricted as follows:—

Intermediate Examination in Arts.—English, Vernacular Composition, Sanskrit, History, Logic, Mathematics, Physics, Chemistry,

Intermediate Examination in Science.—English, Vernacular Composition, Mathematics, Physics, Chemistry.

B.A. Examination.—English (Pass and Honours), Vernacular Composition, Sanskrit (Pass and Honours), History (Pass and Honours), Political Economy and Political Philosophy (Pass and Honours), Philosophy (Pass and Honours), Mathematics (Pass and Honours), Physics (Pass), Chemistry (Pass).

B.Sc. Examination.—Mathematics (Pass and Honours), Physics (Pass), Chemistry (Pass).

M.A. Examination.—English; Pure Mathematics; Mental and Moral Philosophy comprising (*i*) History of Ancient European Philosophy, (*ii*) History of Mediæval and Modern European Philosophy, (*iii*) Outlines of Indian Philosophy, (*iv*) Psychology, (*v*) Philosophy of Religion.

11. On the recommendation of the Syndicate and the Senate, the Government of India, under section 24, sub-section (5) of the Indian Universities Act, 1904 (VIII of 1904), are plaesedto order that, with effect from June 1909, the affiliation of the L. M. S. College, Bhowanipur, to the Calcutta University shall be restricted as follows:—

Intermediate Examination in Arts.—English, Vernacular Composition, Sanskrit, Persian Mathematics, History, Logic, on the ground that the College is not qualified to impart, in accordance with the University Regulations, instruction in any standards and subjects other than those specified.

12. On the recommendation of the Syndicate and the Senate, the Government of India, under section 24, sub-section (5) of the Indian Universities Act, 1904 (VIII of 1904), are pleased to order that, with effect from June 1909, the affiliation of the Rangoon College to the Calcutta University shall be restricted as follows:—

Intermediate in Arts standard.—English, Vernacular Composition, Pali, Latin, Chemistry, Mathematics.

B.A. Standard.—English (Pass and Honours), Vernacular Composition, Mathematics (Pass course), Chemistry (Pass course), Pali (Pass and Honour courses).

13. On the recommendation of the Syndicate and the Senate, the Government of India, under section 24, sub-section (5) of the Indian Universities Act, 1904 (VIII of 1904), are pleased to order that, with effect from June 1909, the affiliation of the C. M. S. College, Calcutta, to the Calcutta University shall be restricted as follows:—

Intermediate Examination in Arts.—English, Vernacular Composition, Latin, History, Logic, Mathematics.

SENATE HOUSE,
The 12th October 1908.

G. C. MOOKERJEE,
Offg. Registrar.

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SENATE HOUSE,
The 12th October 1908.

G. C. MOOKERJEE,
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Ditto ditto Standards of the Constituents of the Urine and Blood and the Bearing of the Metabolism of Bengalis on the Problems of Nutrition by Captain D. McCay, M.B., B.Ch. B.A.O., I.M.S. New series. No. 34. Super Royal 8vo. Board. 12*a*. or 1*s* 2*d*. (3*a*.)

The Countess of Dufferin's Fund—23rd Annual Report of the National Association for Supplying Female Medical Aid to the Women of India for the year 1907. Royal 8vo. Limped. R1 or 1*s*. 4*d*. (3*a*.)

The Fauna of British India including Ceylon and Burma. Coleoptera. Vol. II. (Chrysomelidæ) by Martin Jacoby, Esq. Royal 8vo. Cloth. R15 or 22*s*. 6*d*. (8*a*.)

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Archæological Survey of India—Annual Report, 1904-05. Royal cloth. R20 or 30*s*. (12*a*.)

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DEPARTMENT OF REVENUE AND AGRICULTURE.

The Indian Forest Records Vol. I, Part II—A preliminary note on the development of the Sal in Volume and in Money Value by A. M. F. Caccia, M.V.O., F.Z.S., I.F.S., Imperial Superintendent of Forest Working Plans. Royal 8vo. Paper cover. R1 4*a*. or 1*s*. 11*d*. (3*a*.)

Progress Report of Forest Administration in Baluchistan for 1906-07. Foolscap. Paper cover. R1 12*a*. or 2*s*. 6*d*. (2*a*.)

Annual Report of the Board of Scientific Advice for India for the year 1906-07. Super Royal 8vo. Paper cover. R1 or 1*s*. 6*d*. (3*a*.)

A Manual of Elementary Forest Zoology for India. By E. P. Stebbing, Esq., F.L.S., F.Z.S., F.E.S. Royal 8vo. Cloth. R10 or 15*s*. (8*a*.)

Note on the Utilisation of Khair Forest in Eastern Bengal and Assam. Forest Pamphlet No. I, Chemistry Series No. I. By Mr. Puran Singh, F.C.S. Royal 8vo. Paper cover. 4*a*. or 5*d*. (1*a*.)

"Meteorological Atlas of the Indian Seas and the North Indian Ocean" prepared chiefly by W. L. Dallas, Esq., under the direction of Gilbert T. Walker, Esq., M.A., D.Sc., F.R.S., Director General of Observatories, 1908. Royal. Cloth. R13 or 17*s*. 6*d*. (11*a*.) **Copies of the Atlas may be had from the Office of the Superintendent, Government Printing, India. Prospectus with Specimen map will be sent free on application.**

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List of Officers appointed by the Government of India in the Finance Department, corrected to 25th August 1908. Royal 8vo. Paper cover. 4*a*. or 5*d*. (1*a*.)

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Report of the Indian Factory Labour Commission, 1908. Vol. II. Evidence. R1-12*a.* or 2*s.* 6*d.* (8*a.*) Complete. R2-12*a.* or 4*s.* (12*a*).

Sea-borne Trade and Navigation of British India for the month of May 1908. Nos. 2, 3 and 4. Royal 8vo. Stitched. 8*a.* or 9*d.* (2*a.*) each.

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The Quarterly Army List for April 1908. No. 16 Royal 8vo. Paper cover. R2 12*a.* or 4*s.* 2*d.* (6*a.*)

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State Railway open line Code, Vol. I, Provisional issue, 1908. Royal 8vo. Cloth. R1 or 1*s.* 6*d.* (5*a.*) ordinary. Interleaved. R1 8*a.* or 2*s.* 3*d.* (7*a.*)

LIST OF NEW BOOKS FOR SALE AT THOMASON COLLEGE, ROORKEE, WHICH WERE NOT ADVERTISED BEFORE.

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Memoirs, Vol. II, No. 6, "Tarikh-i-Nusratjangi," By Harinath De, at R1 each.

BIBLIOTHECA INDICA.

Catapatha Brahmana, Vol. 6, Fasc. 1. By Acharya Satyarrata Samarami, at R1-4.
Mohabhasyapradipoddyota, Vol. 3, Fasc. 7. By Pandit Balmvallabha Castri, at As. 10.
Samaraiccakaha, Fasc. I. By Dr. Hermann Jacobi, at As. 10.

LIST OF BOOKS PUBLISHED BY THE METEOROLOGICAL DEPARTMENT FROM 1st APRIL TO 30th SEPTEMBER 1908.

Monthly Weather Review, April 1907 to March 1908. (Illustrated by 7 plates.) Quarto. Paper cover. R1 per month.

Annual Summary of the Monthly Weather Review, 1906. (Illustrated by 6 plates.) Quarto. Paper cover. R3.

Memoirs of the Indian Meteorological Department, Vol. XX, Part II. By J. H Field, Esq., M.A. Quarto. Paper cover. R1.

Memoirs of the Indian Meteorological Department, Vol. XX, Part IV. By R. L. C Jones, Esq., M.A. (Illustrated by 35 plates). Quarto. Paper cover. R1.

Meteorological Atlas of the Indian Seas and the North Indian Ocean prepared chiefly by W. L. Dallas, Esq., under the direction of Gilbert T. Walker, Esq., M.A., D.Sc., F.R.S., Director General of Observatories, 1908. Royal. Cloth. R13 or 17*s.* 6*d.* (11*a.*) Copies of the Atlas may be had from the Office of the Superintendent, Government Printing, India. Prospectus with Specimen Map will be sent free on application.

The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, OCTOBER 24, 1908.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART II.

Notifications by High Court, Comptroller General, etc.

GAZETTE OF INDIA.

NOTICE.

The 20th March 1908.

From the 4th April next till further notice, Parts I, IV, V and VI of the *Gazette of India* and the Weather and Crop Report will be published at Simla. After the 28th March all notifications and other matter intended for publication in the *Gazette* should be addressed to the Officiating Publisher at Simla.

Attention is invited to the following Circular Memorandum of the Government of India, Home Department, of August 1901 :—

" It has been brought to the notice of this Department that matter for the *Gazette of India* is sometimes sent to the Press late on Friday evenings for publication in the next day's *Gazette*, and that this involves considerable inconvenience to the Press and expense to Government. In the Circular Memorandum of this Department, No. 777—79, dated 9th February 1870, the Government of India directed that all notifications or other matter intended for insertion in the *Gazette of India* should be delivered at the Press not later than 2 P.M. on Friday, and that any papers sent thereafter must be certified to be extremely urgent in order to ensure their appearance in the next day's *Gazette*. The undersigned is directed to request that these orders may be more strictly observed in future, and that Departments will refrain from sending to the Press as extremely urgent any papers which can without harm or inconvenience be held over for the next *Gazette*."

J. P. HEWETT,
Secretary to the Government of India.

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GOVERNMENT OF INDIA.

DEPARTMENT OF COMMERCE AND INDUSTRY.

INVENTIONS and DESIGNS.

Calcutta, the 22nd October 1908.

NOTIFICATIONS.

No 3792 P.—APPLICATIONS in respect of the undermentioned inventions have been filed, under the provisions of the Inventions and Designs Act of 1888, in the office of the Secretary appointed under that Act during the week ending 19th October 1908:—

No. 427 of 1908.—The Metals Extraction Corporation Limited, of Finsbury House, Blomfield street, London, E.C., England. *Improvements in the separation of zinc from its ores or compounds.*

No. 428 of 1908.—Monotype Machine (Colonial Patents) Syndicate, Limited, 43 Fetter Lane, London, E.C., England. *Improvements in or relating to controller or record strip preparing or composing machines.*

No. 429 of 1908.—A. W. K. Schnarre, brewer, Rose and Crown Brewery, Yellanhalli P. O., Nilgiris. *Modifying the report caused by a gun when fired.*

No. 430 of 1908.—George Harker, Doctor of Science of the University of London, of 35 Boulevarde, Petersham, near Sydney, in the state of New South Wales, Australia. *Improvements in apparatus for fumigating and disinfecting ships, buildings and sewers.*

No. 431 of 1908.—William Charles Stephens, engineer, of Carn Brea, in the county of Cornwall, England. *Improvements in or connected with rock drills.*

No. 432 of 1908.—William Charles Stephens, engineer, of Carn Brea, in the county of Cornwall, England. *Improvements in or connected with percussive rock drills.*

No. 433 of 1908.—G. W. Disney, civil engineer, Mozafferpore, and H. F. Ward, mechanical engineer, Tindharia, Bengal. *The substitution of bogies on railway vehicles in order to enable the foresaid vehicles to run on railway lines of different gauges.*

No. 434 of 1908.—De Dion Bouton (1907) Limited, motor carriage manufacturers, of 10 Great Marlborough street, London, W., England. *Improvements in or relating to pressure-bearings for bevel gears and the like.*

No. 435 of 1908.—William Reginald Carey, lieutenant in His Majesty's Regiment the 53rd Sikhs, at present attached to the Burma Military Police and stationed at Toungoo, Burma. *Making paper pulp from kaing grass.*

No. 436 of 1908.—William Reginald Carey, lieutenant in His Majesty's Regiment the 53rd Sikhs, at present attached to the Burma Military Police and stationed at Toungoo, Burma. *Making paper pulp from paddy husks.*

No. 437 of 1908.—Henry William Allen, civil engineer, Yercaud *viâ* Salem, Madras Presidency. *The Blondin monorail light railway.*

No. 438 of 1908.—Melchoir Weidmann and Johannes Spoerri, trading as Weidmann & Co., manufacturers, of 93/96 Brunaustrasse, Zurich, Switzerland. *An improved hand operated punch.*

No. 439 of 1908.—Robert Morrison Abraham, electrical engineer, of 10 Norfolk Mansions, Battersea Park, in the county of London, England, and Samuel Lear Glenn, signal engineer, of "Exon", York road, Woking, in the county of Surrey, England. *Improvements in or relating to railway signalling systems and apparatus.*

No. 440 of 1908.—Jules Paul Lajoie, engineer, residing at Taverny (Seine-&-Oise), Avenue Delariviere, France. *Improvements in apparatus for the purification of water used for manufacturing purposes.*

No. 441 of 1908.—Stephen Edward Gunyon, chartered patent agent, of 115 Cannon street, in the city of London, England. *New or improved knot-tying device.*

No. 3793 P.—AN application for an extension of the term of exclusive privilege in respect of the undermentioned invention has been filed under the provisions of the Inventions and Designs Act of 1888 in the office of the Secretary appointed under that Act:—

No. 87 of 1895.—James Leyster Courtice, pianoforte manufacturer, of Cramers' Pianoforte Factory, Castle road, Kentish Town, London, England, and John Wood, of the firm of J. B. Cramer & Co., of 201 Regent street, and 46 Moorgate street, London, England. *Improvements in pianofortes.*

No. 3794 P.—SPECIFICATIONS of the undermentioned inventions have been filed, under the provisions of the Inventions and Designs Act of 1888, in the office of the Secretary appointed under that Act, and copies have been sent to the Governments of Madras, Bombay, and Burma, and the Director of the Department of Land Records and Agriculture, United Provinces of Agra and Oudh. These and other specifications are open to public inspection, from 11 A.M. to 3 P.M., at the Secretary's office, 2, Bankshall Street, Calcutta, on payment of a fee of one rupee, and a certified copy of any one of them will be supplied on payment of the fixed expenses of copying:—

No. 112 of 1908.—The British Cerofirm Company Limited, manufacturers, of 2 and 3 West street, Finsbury Circus, in the city of London. *A new and useful method of producing incandescent mantles.* (Specification filed 28 September 1908.)

No. 239 of 1908.—A. Fischer, engineer, of Bangkok, in the kingdom of Siam. *A new ash-collector.* (Specification filed 7 August 1908.)

No. 341 of 1908.—John Arthur Jefferson Hayes, gentleman, of 21 Spring Gardens, Manchester, Lancashire, England. *Improvements in printing machines.* (Specification filed 28 September 1908.)

No. 3795 P.—THE fees prescribed in the fourth schedule to the Inventions and Designs Act of 1888 have been paid for the continuance of exclusive privilege in respect of the undermentioned inventions for the periods shown against each:—

No. 341 of 1895.—Theodore Guilleaume. *Improved means for insulating electric conductors.* (From 18 January 1909 to 18 January 1910.)

No. 94 of 1899.—Gopal Mahadeo Vidwans. *A box latrine.* (From 6 November 1908 to 6 November 1909.)

No. 312 of 1899.—George Westinghouse. *Improvements in electro-pneumatic controlling apparatus.* (From 15 December 1908 to 15 December 1909.)

No. 416 of 1900.—Frank Wing Weeks. *Improvements in machines for coating paper with carbon or similar transfer material.* (From 29 December 1908 to 29 December 1909.)

No. 361 of 1902.—Arthur Charles Cavendish Liardet. *Improvements relating to bottles and similar liquid containing vessels.* (From 25 October 1908 to 25 October 1909.)

No. 159 of 1903.—Carl Christian Leopold Gether Budde. *An improved method of sterilizing articles of food.* (From 15 October 1908 to 15 October 1909.)

No. 250 of 1903.—Hugo Bremer. *Improvements in electric arc lamps.* (From 13 January 1909 to 13 January 1910.)

No. 3796 P.—WHEREAS the inventors of the undermentioned inventions have respectively failed to pay, within the time limited in that behalf by the fourth schedule to the Inventions and Designs Act of 1888, the fees hereinafter respectively mentioned, it is hereby notified that under the provisions of section 8, sub-section (2), of the said Act the exclusive privilege of making, selling, and using the said inventions in British India, and of authorizing others so to do, has ceased:—

No. 385 of 1903.—Ardeshir Temulji Mirza. *An improved automatic sluice gate.* (Specification filed 7 July 1904.)

No. 412 of 1903.—Vasudev Kashinath Kirloskar and L. K. Kirloskar. *An improved apparatus for raising water from wells or river beds for irrigation or other purposes.* (Specification filed 9 July 1904.)

No. 419 of 1903.—James Mackay Taylor. *A water lift called the "Duplex" or "Twin Well Irrigator".* (Specification filed 11 July 1904.)

No. 462 of 1903.—Charles Carpenter McNair. *An improved means for supporting a bicycle or motor bicycle or other vehicle or machine of the bicycle class when at a standstill and not being ridden.* (Specification filed 30 June 1904.)

No. 487 of 1903.—Gilbert William Sutton. *Improvements in cultivators for tea and other lands.* (Specification filed 30 June 1904.)

No. 531 of 1903.—Bhugwandass Tapidass. *An improved automatic gear for turning and boring tapers or curves of any shape on machine articles.* (Specification filed 5 July 1904.)

No. 532 of 1903.—Harry Morton Girling. *Improvements in hoop-iron and other strainers.* (Specification filed 8 July 1904.)

No. 9 of 1904.—Edward Joseph Verrieres. *Enabling one person to work simultaneously all the leaves of a gate at a level crossing.* (Specification filed 12 July 1904.)

No. 118 of 1904.—James Hereford McDermott. *An improved galvanised dog spike.* (Specification filed 15 July 1904.)

No. 175 of 1904.—Jean Laforet. *Improvements in and connected with looms for mechanical weaving.* (Specification filed 30 June 1904.)

No. 183 of 1904.—George Theodore Temple and James McRae. *Improvements in pipe couplings.* (Specification filed 8 July 1904.)

No. 209 of 1904.—The Hall Signal Company. *Improvements in railway signal apparatus.* (Specification filed 30 June 1904.)

No. 229 of 1904.—Chemisch-Technische Fabrik, Dr. Alb R. W. Brand & Co. *An improved process for colouring and hardening natural stone also applicable to organic materials such as ivory or the like.* (Specification filed 13 July 1904.)

Fee in respect of the continuance of an exclusive privilege—

4 (*a*) After the filing of the specification and before the expiration of the fourth year from the date of the filing thereof—

The sum of R50 for each of the above inventions.

No. 377 of 1902.—Earnest Batchelor. *An improved implement for the cheap and rapid extirpation of weeds and noxious plants.* (Specification filed 29 June 1903.)

Fee in respect of the continuance of an exclusive privilege—

4 (*b*) After the expiration of the fourth year and before the expiration of the fifth year from the date of the filing of the specification—

The sum of R50 for the above invention.

No. 87 of 1902.—Benjamin Garver Lamme. *Improvements in dynamo electric generators.* (Specification filed 2 July 1902.)

Fee in respect of the continuance of an exclusive privilege—

4 (*c*) After the expiration of the fifth year and before the expiration of the sixth year from the date of the filing of the specification—

The sum of R50 for the above invention.

No. 219 of 1901.—Walter Grimes and Charles Cheers Wakefield. *Improvements in sight-feed lubricators.* (Specification filed 3 July 1901.)

Fee in respect of the continuance of an exclusive privilege—

4 (*d*) After the expiration of the sixth year and before the expiration of the seventh year from the date of the filing of the specification—

The sum of R50 for the above invention.

No. 180 of 1898.—Khan Bahadur Commodore Dhanjibhoi. *Improvements in tongas and other carriages specially applicable for ambulance purposes.* (Specification filed 5 July 1899.)

Fee in respect of the continuance of an exclusive privilege—

4 (*f*) After the expiration of the eighth year and before the expiration of the ninth year from that date—

The sum of R100 for the above invention.

No. 386 of 1895.—Jules Lemichel. *Improvements in or connected with apparatus for raising liquids.* (Specification filed 13 July 1896.)

Fee in respect of the continuance of an exclusive privilege—

4 (*i*) After the expiration of the eleventh year and before the expiration of the twelfth year from the date of the filing of the specification.

The sum of R100 for the above invention.

No. 12 of 1895.—Jean Reuse. *Improvements in machines for the manufacture of cigars.* (Specification filed 26 June 1895.)

Fee in respect of the continuance of an exclusive privilege—

4 (*j*) After the expiration of the twelfth year and before the expiration of the thirteenth year from the date of the filing of the specification.

The sum of R100 for the above invention.

NOTICES

All communications relating to applications for leave to file specifications and for registration of designs under the Inventions and Designs Act, 1888 (V of 1888), or in continuation of such applications, should be addressed to the Patents Secretary, 2, Bankshall Street, Calcutta.

The Office of the Secretary under the Inventions and Designs Act, 1888, will in future be open for the transaction of business from 11 A.M. to 3 P.M. on all days, except Sundays and gazetted holidays.

The Government of India are advised that, as trade marks are not "designs" within the meaning of the Act, they cannot be registered under Part II.

The fees payable under the fourth and sixth schedules are now collected in cash, and applicants are warned that they must be responsible for any delay in cashing cheques.

Cheques and money orders will only be accepted if made payable *at Calcutta* to the Secretary under the Inventions and Designs Act.

Copies of the weekly notifications, and of the quarterly lists, of applications and specifications filed in the Secretary's Office are now on sale to the public at one anna and eight annas a copy, respectively. Consolidated indexes for 1905, 1906 and 1907, entitled "Inventions and Designs," are also on sale, price one rupee each. They contain a chronological list, subject-matter and name indexes of exclusive privileges for inventions, which have been obtained or applied for in the year, together with lists of designs applications.

All applications made under the Inventions and Designs Act, V of 1888, will from this date (December 19th, 1896) lie in the visitors' room of the Patents Office for ten days from the date of the *Gazette of India* in which their filing may have been notified: or, if the 10th day is a holiday, till the evening of the office day next following.

At the time of delivering or sending an application for leave to file a specification, the applicant shall cause a duplicate copy of the application to be delivered or sent therewith to the Secretary.

The Inventions and Designs Act (V of 1888), with the notifications and rules issued under its provisions and the notices of the office of Inventions and Designs, to which is added an explanatory memorandum for the guidance of persons applying for protection of Inventions and Designs. A new and revised edition is now on sale. Royal 8vo volumes, paper cover, price one rupee or 1*s.* 6*d.* To be had of the Superintendent, Government Printing, 8, Hastings Street, Calcutta, or of the Superintendent, Patents Office, 2, Bankshall Street, Calcutta.

H. G. GRAVES,
Secretary under the Inventions and Designs Act, V of 1888.

THOMASON CIVIL ENGINEERING COLLEGE, ROORKEE.

NOTIFICATION.

Roorkee, the 10th June 1908.

A Registry Office for men of the undermentioned grades is kept up by the Principal, Thomason College, Roorkee. Officers and employers of labour requiring men are requested to apply to the Principal :—

1. Engineers.
2. Overseers.
3. Sub-Overseers.
4. Draftsmen and Surveyors.
5. Motor Car Drivers.
6. Engine Drivers.
7. Men trained in—
   (*a*) Photo.-Mechanical and Lithographic Work.
   (*b*) Workshops (both Electrical and Mechanical sides).

E. ATKINSON, Major, R.E.,
Principal, Thomason College, Roorkee.

CINCHONA FEBRIFUGE.

Cinchona Febrifuge can be purchased for cash only by Government officers and the general public, from the Superintendent, Royal Botanic Garden, Calcutta.

The rates for Government officers are : —

	R a. p.	Post-free. R a. p.
16-oz. tin	7 8 0	7 14 0
8 " "	3 12 0	4 0 0
4 " "	1 14 0	2 2 0

The rates for the general public taking 5 lbs. and upwards at a time are the same as for Government officers. For any quantity below five pounds, the rates are :—

	R a. p.	Post-free. R a. p.
16-oz. tin	9 0 0	9 6 0
8 " "	4 8 0	4 12 0
4 " "	2 4 0	2 8 0

Cinchona Febrifuge is sold also by the principal druggists in Calcutta.

BOARD OF EXAMINERS.

NOTICES.

Specimens of Persian Manuscripts for the use of candidates for the Degree of Honour and High Proficiency examinations in Persian, published in facsimile by the Board of Examiners, Fort William, under the authority of the Government of India. Price R6. Forwarded V.-P. P., on application to the Secretary, Board of Examiners, 4, Park Street.

For the convenience of Civil and Military officers desirous of appearing for examination in oriental languages, the Board of Examiners publish periodically a collection of specimen papers set for the examination held by them.* Collections of papers for 1902-1903, 1903-1904, 1904-1905, 1905-1906 and 1906-1907 are ready for sale. Price R3 per copy and may be obtained on application to the Secretary, Board of Examiners, 4, Park Street.

Diwan-i-Sarkhush (official edition), one of the books recommended for the High Proficiency examinations in Persian; obtainable from Board of Examiners' office, price R3 per copy.

The Kalam-i-Urdu, the text-book for the new Proficiency Standard in Urdu, is now ready for issue, price R2-12.

Qaāni, one of the books recommended for the Degree of Honour examination in Persian; obtainable from the Board of Examiners' office, price R7-8 per copy.

"Dewan-i-Andalib," one of the books recommended for the High Proficiency in Persian, is obtainable from the Board of Examiners' office, price R4 per copy.

Glossary to Ar-Rauzatuz-Zakiyah, the new text-book for the Higher Standard Examination in Arabic, price R6-4 per copy, is also obtainable from this office.

* *N.B.*—The languages in which specimen papers are published are :—
Arabic, Bengali, Hindi, Persian, Sanskrit, Urdu.

C. L. PEART, Captain,
Offg. Secretary, Board of Examiners.

SULPHATE OF QUININE AND SULPHATE OF CINCHONIDINE.

Manufactured at the Bengal Government Cinchona Plantation.

These articles are guaranteed to be free from wilful admixture with other Cinchona Alkaloids. Quinine is for sale only to Government officers Cinchonidine is for sale to Government officers and to dealers. Both Quinine and Cinchonidine are for sale for cash only and may be obtained from the Superintendent, Royal Botanic Garden, Sibpur, near Calcutta.

The rates from 1st April 1908 are as follows :—

To Government officers.

	R a. p.	Post-free. R a. p.
Quinine.		
16-oz. tin	15 0 0	15 6 0
8 „ „	7 8 0	7 12 0
4 „ „	3 12 0	4 0 0
Cinchonidine.		
16-oz. tin	11 4 0	11 10 0
8 „ „	5 10 0	5 14 0
4 „ „	2 13 0	3 1 0

To dealers.

	R a. p.	Post-free. R a. p.
Cinchonidine.		
16-oz. tin	16 0 0	16 6 0
8 „ „	8 0 0	8 4 0
4 „ „	4 0 0	4 4 0

MILITARY ACCOUNTS DEPARTMENT.

Claimants who have attained their majority.

It is hereby notified that claims from the undermentioned individuals on account of the patrimony due to them should be submitted to the Deputy Controller of Military Accounts, Madras, through the Staff Officer of the station at which each claimant may be residing :—

Names of Warrant and Non-Commissioned Officers and Soldiers deceased.	Claimants.
Brooks, John, Sergeant, Infantry Veteran Company	Caroline Brooks (daughter). Dennis Brooks (son).
Brandon, John, Gunner, European Artillery Veteran Company	John Brandon (son).* Charles Brandon (son).
Clarkson, Samuel, Carnatic Ordnance Artificer	Ann Clarkson (daughter).
Carroll, J., Sergeant, 2nd European Light Infantry	Elizabeth Carroll (daughter). Joseph Carroll (son). Agnes Carroll (daughter).
Cosser, J., Sub-Conductor, Ordnance Department	John Cosser (son).
Crawley, Sergeant	George Wellington Crawley (son).
Doyle, I., Gunner, 4th Battalion, Madras Artillery	James Doyle (son).
Danford, S., Gunner, 3rd Battalion, Madras Artillery	Amelia *alias* Emma Danford (daughter).
Furlong, J., Corporal, 3rd Madras European Regiment	John Furlong (son).
Flynn, J., Corporal, 1st Madras Fusiliers	James Flynn (son). William Flynn (son). Joseph Flynn (son).
Grimstone, R., Sergeant, 3rd Madras European Regiment	Perquira Grimstone (daughter). Richard Grimstone (son).
Hawkins, Richard, Private, European Infantry Veteran Company	Jeremiah Mitchell Foster Hawkins (son). George Hawkins (son).
Hunsley, W., Sub-Conductor, Ordnance Department	Charles Hunsley (son).
Hutchins, James, Gunner, 2nd Battalion, Artillery	George Henry Hutchins (son).
Healey, P., Hospital Sergeant	Edward Healey (son). Frank Healey (son).
Keleker, I. T., Bombardier, 3rd Battalion, Artillery	Mary Keleker (daughter).
Knowles, W. S., Bugler, D. Company, 1st Battalion, Madras Artillery	Andrew James Knowles (son).
McDonald, B., 2nd Corporal, Sappers and Miners	James McDonald (son).
McGuire, Michael, Staff Barrack Sergeant, B. Company, 4th Battalion, Artillery.	Andrew McGuire (son).
McManus, J., Foreman, Carnatic Ordnance Artificer Corps	Agnes Maude McManus (daughter). Mary Elizabeth McManus (daughter). Reith McManus (daughter). Patrick John McManus (son).
Murphy, I., Private, 3rd Madras European Regiment	James Murphy (son).
Nicholson, T., Shoeing Smith	Arabella Hannah Nicholson (daughter).
Rothe, R., Corporal, 2nd European Light Infantry	Catherine Rothe (daughter).
Scully, E., Sub-Overseer	Eleanor Scully (daughter). John Scully (son).
Smith, Michael, Color Sergeant, 1st Madras Fusiliers	Mary Ann Smith (daughter).
Smithes, R., Sergeant, 2nd Battalion, Artillery	Henry Smithes (son).
Sheepard, J., Sergeant, 23rd Brigade, Royal Artillery	John Sheepard (son). Ellen Sheepard (daughter).
Wallace, J., Gunner, 4th Battalion, Artillery	John Wallace (son). Thomas Wallace (son)
Wiggins, R., Gunner, Madras Artillery	John M. Wiggins (son).

* Claim received, but claimant has not yet appeared to receive payment.

C. W. BUTLER, Lieutenant,
For Deputy Controller of Military Accounts.

OFFICE OF THE DEPUTY CONTROLLER OF MILITARY ACCOUNTS,
SECUNDERABAD DIVISION, MADRAS;
1st October 1908.

DEPARTMENT OF ISSUE OF PAPER CURRENCY.

Calcutta, the 17th October 1908.

Abstract of the accounts of the Department of Issue of Paper Currency on the 15th October 1908.

	Total Amount of Notes in Circulation.			Reserve.										Remarks.
				Coin and Bullion.							Securities (Purchase price).		Total.	
				In India.			In England.		In Transit between India and England.					
	In Reserve Treasuries.	Elsewhere.	Total.	Silver Coin.	Gold Coin and Bullion.	Silver Bullion under coinage.†	Gold Coin and Bullion.	Silver Bullion.	Gold Coin and Bullion.	Silver Bullion.	Held in India.	Held in England.		
	1	2	3	4	5	6	7	8	9	10	11	12	13	
	R	R	R	R	R	R	R	R	R	R	R (a)	R (b)	R	
Calcutta	94,09,025	14,90,34,880	15,84,43,905	4,13,18,629	*4,06,260	7,86,970	2*55,75,000	...	...	...	9,99,99,946	2,00,00,000	18,80,86,805	(a) Nominal value—R10,20,81,500. (b) Nominal value—R2,15,20,535.
Cawnpur	...	4,19,19,490	4,19,19,490	7,25,36,922	2,35,845	...	...	...	...	...	...	...	7,27,72,767	
Lahore	...	3,74,01,915	3,74,01,915	3,92,02,409	4,65,345	...	...	...	...	...	...	...	3,96,67,754	
Bombay	62,40 620	10,33,10,395	10,95,51,015	3,87,78,537	18,06,517	...	...	...	...	...	...	...	4,05,85,054	
Karachi	...	2,00,62,315	2,00,62,315	75,13,655	2,40,780	...	...	...	...	...	...	...	77,54,435	
Madras	5,99,945	5,15,77,825	5,21,77,770	2,13,87,835	4,06,830	...	...	...	...	...	...	...	2,17,94,665	
Calicut	...	29,64,565	29,64,565	15,94,725	69,180	...	...	...	...	...	...	...	16,63,905	
Rangoon	...	3,84,17,190	3,84,17,190	6,65,02,380	5,01,360	...	...	...	...	...	...	...	6,70,03,740	
	1,62,49,590	44,46,88,575	46,05,38,165	28,88,35,092	41,32,117	7,86,970	2,55,75,000	...	...	...	9,99,99,946	2,00,00,000	43,93,29,125	
Deduct—Withdrawn from circulation by Foreign Circles and in course of remittance to Circles of issue			2,16,09,040	*Deduct*—Amount due on Bills drawn by one circle on another									*Nil*	
Total Circulation R			43,93,29,125								Total Reserve R		43,93,29,125	

* There was no transfer of Gold between the Paper Currency Reserve and the Gold Standard Reserve during the week ending 15th October 1908.

† The silver held in the Gold Standard Reserve on the 15th October 1908 consisted of :—

(a) 600 lakhs, the permanent nucleus of its silver branch.

(b) 1,208 lakhs, paid into the Reserve out of the proceeds of Sterling Bills drawn on the Secretary of State.

1,808 lakhs in all.

F. C. HARRISON,

Offg. Head Commissioner of Paper Currency

STATEMENT OF SILVER OPERATIONS AT THE CALCUTTA AND BOMBAY MINTS FOR THE PERIOD FROM 1ST TO 15TH OCTOBER 1908.

(In Lakhs of Standard Tolas.)

Name of Mints.	Coinage of British India Government Coins.													Coinage of British Dollars.		
	Receipts.				Coinage.			Balance of Bullion and Coin.								
	Purchased Silver.	Withdrawn and uncurrent coins from Treasuries, etc.	Native State coins.	Total.	New rupees and small silver coins delivered to Treasuries or Currency Department.	New rupees made over to Native States.	Total.	New coin ready for delivery.	Gold Standard Reserve.	Currency Bullion.	Other Government Bullion.	Withdrawn and uncurrent coins.	Total.	Receipt of Bullion for Dollar Coinage.	Dollar coined and paid over.	Closing balance of Bullion.
Calcutta	...	2	...	2	...	...	...	...	200	11	93	9	313	...	...	...
Bombay	...	1	...	1	9	...	9	4	400	...	54	10	468	...	...	...

G. M. PORTER, Colonel, R.E.,
Master of the Mint.

HIS MAJESTY'S MINT;
Calcutta, the 20th October 1908.

BANK OF BENGAL—PUBLIC DEBT OFFICE.

Statement of Government Promissory Notes enfaced for payment of Interest in London, under deduction of amount re-transferred to India, and outstanding in the Books of the Bank of Bengal on the 15th October 1908.

PARTICULARS.	3 PER CENT. OF 1896-97.	3½ PER CENT. LOANS							4 PER CENT. LOANS							4½ PER CENT. LOANS			GRAND TOTAL.
		of 1842-43.	of 1854-55.	of 1865.	of 1879.	of 1900-01.	...	TOTAL.	of 1832-33.	of 1835-36.	of 1842-43.	of 1854-55.	Transfer of 1865.	Reduced 4 per cent. Loan of 1879.	TOTAL.	of 1870.	TRANSFER LOAN OF 1879, 4½ PER CENT. PORTION.	TOTAL.	
Balance of 30th September 1908	72,06,400	1,47,47,500	8,99,31,000	2,11,61,800	1,10,01,900	18,32,400	...	13,86,74,600	6,933	5,000	...	500	40,800	2,500	55,733	5,000	29,500	34,500	14,59,71,233
Add—																			
Amount of transferred to in London	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Amount enfaced at Madras up to	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Amount enfaced at Bombay up to 10th October 1908	...	...	2,03,000	...	...	1,03,000	...	3,06,000	...	...	...	...	...	...	...	...		...	3,06,000
Amount enfaced at Calcutta between 1st and 15th October 1908	...	1,000	12,000	...	...	...	...	13,000	...									...	13,000
	72,06,400	1,47,48,500	9,01,46,000	2,11,61,800	1,10,01,900	19,35,400	...	13,89,93,600	6,933	5,000	...	500	40,800	2,500	55,733	5,000	29,500	34,500	14,62,50,233
Deduct—																			
Amount written off in the London Registers	...	50,000	1,50,300	...	25,000	...	...	2,25,300	...		...	...		...	...		...	...	2,25,300
Balance on 15th October 1908	72,06,400	1,46,98,500	8,99,95,700	2,11,61,800	1,09,76,900	19,35,400	...	13,87,68,300	6,933	5,000		500	40,800	2,500	55,733	5,000	29,500	34,500	14,60,64,933

NOTE.—

From 9th June	1867 to 15th Aug.	1908 enfaced from India	11,715 lakhs.	re-transferred from London	11,590 lakhs.
„ 16th August	1908 „ 31st „	„ ditto	2 „	ditto	12 „
„ 1st Sept.	„ „ 15th Sept.	„ ditto	4 „	ditto	11 „
„ 16th „	„ „ 30th „	„ ditto	... „	ditto	3 „
„ 1st Oct.	„ „ 15th Oct.	„ ditto	3 „	ditto	2 „
			11,724 lakhs.		11,618 lakhs.
			11,618 „		
		Balance against India	106 lakhs.		

PUBLIC DEBT OFFICE,
BANK OF BENGAL;
Calcutta, the 17th October 1908.

L. G. DUNBAR,
Offg. Secretary and Treasurer.

BANK OF BENGAL.

Statement of the Affairs of the Bank of Bengal for the week ending 20th October 1908.

LIABILITIES.	R	a.	p.	R	a.	p.
Capital paid up				2,00,00,000	0	0
Reserve Fund				1,62,50,000	0	0
Public Deposits at Head Office	84,26,142	14	5	1,54,01,691	12	6
Public Deposits at Branches	69,75,548	14	1			
Other Deposits at Head Office and Branches				17,15,60,298	2	11
Bank Post Bills, etc.				9,13,629	8	1
Sundries				13,84,220	4	10
RUPEES				22,55,09,839	12	4

ASSETS.	R	a.	p.	R	a.	p.
Government Securities				3,11,75,578	0	0
Other authorized Investments				38,79,507	0	0
Loans on Government and other authorized Securities				3,93,31,980	9	2
Accounts of Credit on Government and other authorized Securities				4,96,67,580	14	8
Bills discounted and purchased				2,53,94,187	0	2
Balances with other Banks				17,76,064	12	0
Bullion				4,053	0	0
Dead Stock				17,01,479	14	10
Stamps				16,965	6	3
Sundries				84,523	14	5
				15,30,31,920	7	6
Cash and Currency Notes at Head Office	* 2,61,71,166	5	4	7,24,77,919	4	10
Cash and Currency Notes at Branches	† 4,63,06,752	15	6			
RUPEES				22,55,09,839	12	4

* Includes Sovs. & ½ Sovs., value R1,76,835 0 0
† Do. do. do. R2,43,345 0 0

R4,20,180 0 0

By order of the Directors,

BANK OF BENGAL;
Calcutta, 22nd October 1908.

H. TREBLE,
Chief Accountant.

L. G. DUNBAR,
Offg. Secretary and Treasurer.

Rate for Demand Loans 4 per cent.
Percentage 38.29.

TELEGRAPH DEPARTMENT

NOTIFICATIONS.

Simla, the 17th September 1908.

No. 71.—Mr. George Seager, Traffic Sub-Assistant Superintendent, is granted combined leave for 7 months and 15 days under Article 233 of the Civil Service Regulations, that is, privilege leave for 1 month and 15 days under Article 260 of the Civil Service Regulations in combination with leave on Medical Certificate for six months under Article 336 of the Civil Service Regulations with effect from the forenoon of the 5th of July 1908.

The 16th October 1908.

No. 76.—Mr. J. H. Curtis, Assistant Superintendent, 1st grade, has been granted by His Majesty's Secretary of State for India an extension of furlough on Medical Certificate for three months with effect from the 26th November 1908 in continuation of the leave sanctioned in this Department's Notification No. 46, dated 13th April 1908.

No. 77.—Mr. M. A. Thompson, Superintendent, 2nd grade, has been granted by His Majesty's Secretary of State for India, a further extension of furlough on Medical Certificate for two months with effect from the 9th November 1908 in continuation of the extension of furlough notified in this Department's Notification No. 125 dated 19th March 1908.

T. D. BERRINGTON,
Director General of Telegraphs.

ACCOUNTANT GENERAL, PUNJAB.

Distribution Statement of the Receipts in the North-West Frontier Province for August 1908, and of the Budget Estimate for the year 1908-09.

REVENUE AND RECEIPTS.	Budget Estimate for 1908-09.	Receipts in August 1908.	Receipts from 1st April to 31st August 1908.
	R	R	R
I.—Land Revenue	22,40,000	1,35,381	11,06,472
II.—Opium	16,000	1,428	6,494
IV.—Stamps	4,80,000	50,167	2,11,695
V.—Excise	2,80,000	37,337	1,28,995
VI.—Provincial Rates	4,000	...	129
VII.—Customs	...	...	...
VIII.—Assessed Taxes	1,35,000	16,321	47,528
IX.—Forest	1,41,000	15,073	35,157
X.—Registration	30,000	3,317	15,260
XI.—Tributes from Native States	...	...	...
XII.—Interest	11,000	1,668	1,868
XIII.—Post Office	...	...	...
XVIA.—Law and Justice—Courts of Law	95,000	7,708	46,980
XVIB.— Do. do. —Jails	19,000	1,357	6,048
XVII.—Police	74,000	5,815	29,363
XIX.—Education	1,000	15	188
XX.—Medical	14,000	150	751
XXI.—Scientific and other Minor Departments	...	60	141
XXII.—Receipts in aid of Superannuation, etc.	16,000	1,168	8,097
XXIII.—Stationery and Printing	10,000	367	2,272
XXV.—Miscellaneous	1,16,000	4,154	19,910
XXIX.—Irrigation—Major Works, Direct Receipts	...	...	...
XXX.—Irrigation—Minor Works and Navigation	...	...	...
XXXII.—Civil Works	1,15,000	4,261	38,452
TOTAL REVENUE AND RECEIPTS	37,97,000	2,85,747	17,05,800
Add—Debt Accounts	...	36,46,536	2,25,12,055
TOTAL	...	39,32,283	2,42,17,855
Opening Cash Balance	...	(a) 18,29,143	(b) 9,31,558
GRAND TOTAL	...	57,61,426	2,51,49,413

(a) On the 1st August 1908. (b) From 1st April 1908.

W. S. ADIE,
Accountant General, Punjab.

OFFICE OF ACCTT. GENL., PUNJAB,
LAHORE;
The 20th October 1908.

ACCOUNTANT GENERAL, PUNJAB.

Distribution Statement of the Expenditure in the North-West Frontier Province for August 1908, and of the Budget Estimate for the year 1908-09.

EXPENDITURE.	Budget Estimate for 1908-09.	Disbursements in August 1908.	Disbursements from 1st April to 31st August 1908.
	R	R	R
1.—Refunds and Drawbacks	24,000	1,469	9,250
2.—Assignments and Compensations	20,000	222	9,633
3.—Land Revenue	5,75,000	34,548	2,33,302
6.—Stamps	18,000	1,144	5,265
7.—Excise	9,000	505	3,202
8.—Provincial Rates	...	...	...
10.—Assessed Taxes	1,000	60	299
11.—Forest	95,000	12,604	25,876
12.—Registration	9,000	949	4,005
13.—Interest on Ordinary Debt	...	...	...
14.—Interest on other Obligations	...	...	...
15.—Post Office	...	...	...
18 —General Administration	2,75,000	29,701	1,21,381
19A.—Law and Justice—Courts of Law	5,10,000	43,655	2,19,638
19B.— Do. do. —Jails	1,22,000	17,973	68,845
20.—Police	15,97,000	1,17,854	6,35,115
22.—Education	1,24,000	3,043	21,572
23.—Ecclesiastical	39,000	3,401	15,293
24.—Medical	1,85,000	8,229	38,791
25.—Political	28,00,000	2,35,854	12,69,644
26.—Scientific and other Minor Departments	77,000	2,943	12,029
27.—Territorial and Political Pensions	54,000	2,192	17,831
28.—Civil, Furlough and Absentee Allowances	...	...	...
29.—Superannuation Allowances and Pensions	1,30,000	9,027	49,253
30.—Stationery and Printing	85,000	2,836	18,401
32.—Miscellaneous	32,000	2,510	19,536
33.—Famine Relief	...	...	...
42.—Major Works—Working Expenses	...	...	...
43.—Minor Works and Navigation	39,000	798	2,133
45.—Civil Works	94,000	2,322	8,069
TOTAL EXPENDITURE	69,14,000	5,33,839	28,08,363
Add—Debt Accounts	...	36,55,605	2,07,69,068
TOTAL	...	41,89,444	2,35,77,431
Balance on 31st August 1908	...	15,71,982	15,71,982
GRAND TOTAL	...	57,61,426	2,51,49,413

W. S. ADIE,
Accountant General, Punjab.

OFFICE OF ACCTT. GENL., PUNJAB,
LAHORE;
The 20th October 1908.

SURVEY OF INDIA.

MAP RECORD AND ISSUE OFFICE.

AGENTS FOR SALE OF MAPS.

LONDON.—Mr. Edward Standford, 12, 13 and 14, Long Acre, London, S.E.
CALCUTTA.—Maps can be obtained from the office, 13, Wood Street, or from Messrs. Thacker, Spink & Co., 5 and 6, Government Place, North.
ALLAHABAD.—Superintendent, Government Press.
ASSAM.—Baboo J. N. Barua, for maps of Assam only.
BOMBAY.—Messrs. Thacker & Co., Ld.
LAHORE.—Rai Sahib Munshi Gulab Sing and Sons, Government Publishers and Booksellers.
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The following Catalogues of maps are available at annas 6 per copy :—

1. Assam (1889).
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5. Bombay Presidency (1889).
6. Burma (1893).
7. Central India and Rajputana Agencies (1889).
8. Central Provinces (1889).
9. India and Adjacent Countries (1904).
10. Madras Presidency (1901).
11. Punjab (1885).
12. United Provinces of Agra and Oudh (1907).

All published maps are sold at the Survey of India Office, Calcutta, for cash with postage *prepaid*. Agents cannot issue maps on the *Public Service except on cash payment*.

The following is a list of the more important "General" and other maps which are available.

Description of Maps.	Date of current edition.	Scale.	No. of sheets in set.	Size per sheet in inches.	Price. Un-coloured.	Price. Coloured.	Remarks.
					R a.	R a.	
GENERAL MAPS.							
India, Railway and Canal map of—(with hills).	1904	1"=32 M.	6	44×31	6 0	8 0	
India (without hills), showing Railways with Stations.	1907	1"=32 M.	6	44×31	6 0	8 0	
India (with hills) . . .	1908	1"=32 M.	6	44×30	9 0	12 0	4th Edition.
India (without hills) . .	1908	1"=32 M.	6	44×30	6 0	9 0	4th Edition.
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India, District map of — .	1905	1"=64 M.	2	40×27	2 0	2 8	
India, showing railways open and under construction.	1908	1"=80 M.	1	40×27	1 8	...	Corrected to 31st March 1908.
India (without hills) . .	1906	1"=192 M.	1	18×14	0 8	0 12	Engraved.
India (without hills) . .	1904	1"=256 M.	1	18×13	0 6	0 8	Engraved.
PROVINCIAL MAPS.							
Eastern Bengal and Assam (without hills).	1906	1"=32 M.	1	40×27	1 8	1 12	
Bengal (without hills) . .	1907	1"=16 M.	2	44×30	4 0	5 0	
Bengal (without hills) . .	1908	1"=32 M.	1	26×34	1 8	2 0	
Bombay Presidency (exclusive of Sind).	1904	1"=32 M.	1	27×40	1 8	1 12	
Cutch	1906	1"= 8 M.	1	40×27	1 0	1 4	
Central Provinces . . .	1908	1"=32 M.	1	28×24	0 12	1 0	
Madras Presidency . .	1908	1"=16 M.	6	40×27	7 0	8 0	
Madras Presidency . .	1905	1"=32 M.	1	33×43	1 8	2 0	
United Provinces of Agra and Oudh (without hills).	1905	1"=16 M.	2	25×40	2 0	2 8	
United Provinces of Agra and Oudh (with hills).	1908	1"=32 M.	1	23×22	...	1 0	
DISTRICT MAPS.							
Kangra	1903	1"= 2 M.	4	36×34	4 8	5 4	
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Afghanistan	1901	1"=16 M.	4	38×28	4 0	5 0	
Baluchistan	1894	1"=16 M.	4	28×27	4 0	5 0	
Chih-li Province, China . .	1903	1"= 8 M.	1	44×31	1 8	1 12	
Kashmir	1857	1"= 2 M.	4	40×27	2 0	2 8	
Persia	1898	1"=16 M.	6	40×27	6 0	7 8	
Sikkim	1906	1"= 4 M.	1	28×21	1 0	1 4	
Western Tibet, portion of — .	1904	1"=12 M.	1	38×28	1 8	1 12	
Yun-Nan	1905	1,000,000	2	40×27	2 0	2 8	

Description.	Date of current edition.	Size per sheet in inches.	Price.		REMARKS.
			R	a.	
INDIA AND ADJACENT COUNTRIES. *Scale* $\frac{1}{1,000,000}$					
Sheet No. 10 (Provisional Issue) . .	1908	23″ × 20″	1	0	Parts of Persia, Arabia and Turkish Empire.
" " 31 (Provisional Issue) . .	1908	ditto	1	0	Parts of Persia and Baluchistan.
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" " 93 (Provisional Issue) . .	1904	ditto	1	0	Parts of Burma, China and Siam.
" " 94 (Provisional Issue) . .	1907	ditto	1	0	Parts of Burma and Siam.
" " 95 (Provisional Issue) . .	1905	ditto	1	0	Parts of Burma and Siam.
" " 96 (Provisional Issue) . .	1905	ditto	1	0	Parts of Burma and Siam.
" " 100 (Provisional Issue) . .	1905	ditto	1	0	Parts of Tibet and China.
" " 101 (Provisional Issue) . .	1904	ditto	1	0	Part of China.
" " 102 (Provisional Issue) . .	1904	ditto	1	0	Parts of Burma, Siam, Tongking and China.

W. M. COLDSTREAM, MAJOR, R.E.,
Assistant Surveyor General
In charge Map Record and Issue Office.

SURVEY OF INDIA;
Calcutta, 2nd October 1908.

DIRECTOR-GENERAL, INDIAN MEDICAL SERVICE.

NOTIFICATIONS.

Simla, the 14th October 1908.

No. 75.—No. 1218, 1st Class Hospital Assistant T. A. Muthusawmy, Indian Subordinate Medical Department, Madras, is granted 70 days' privilege leave on full pay with effect from the afternoon of the 14th September 1908.

The 15th October 1908.

No. 76.—The services of 3rd Class Assistant Surgeon H. G. H. Munrowd, Indian Subordinate Medical Department, have been placed at the disposal of the Government of Eastern Bengal and Assam for civil employment in that Province with effect from the 24th September 1908.

No. 77.—Fourth Class Assistant Surgeon C. E. R. Norman, Indian Subordinate Medical Department, has been appointed to the Station Staff Dispensary, Mussoorie, with effect from the 28th September 1908.

The 20th October 1908.

No. 78.—The services of 2nd class Assistant Surgeon E. A. Picachy, Indian Subordinate Medical Department, are placed at the disposal of the Government of the Punjab, for temporary civil employment in that Province, with effect from the 28th September 1908.

No. 79.—The services of 3rd class Assistant Surgeon L. McCurtis, Indian Subordinate Medical Department, are placed at the disposal of the Government of Bengal, for temporary civil employment in that Province, with effect from the 6th July 1908.

G. BOMFORD, M.D., Surgeon-General,
Director-General, Indian Medical Service.

THE HON'ABLE THE AGENT TO THE GOVERNOR GENERAL IN BALUCHISTAN.

NOTIFICATIONS.

Quetta, the 14th October 1908.

No. 5396.—Consequent on the grant of privilege leave to the Reverend J. A. R. Brooks, M.A., Chaplain of Quetta, the Reverend H. Naish, whose services have been placed at the disposal of the Hon'ble the Agent to the Governor General in Baluchistan by the Government of Bombay, is appointed Chaplain of Quetta with effect from the date of assuming charge of his duties at Quetta.

No. 5397.—Consequent on the grant of privilege leave to the Reverend W. W. Castle, Assistant Chaplain of Quetta, the Reverend J. King, B.A., whose services have been placed at the disposal of the Hon'ble the Agent to the Governor General in Baluchistan by the Government of the Punjab, is appointed Assistant Chaplain of Quetta with effect from the date of assuming charge of his duties at Quetta.

No. 5409.—The next half-yearly examination in the Baluchi language by the Higher Standard will be held at Quetta on Monday the 2nd November 1908 and the following day.

By order,
A. L. JACOB, Captain,
First Assistant

THE HON'BLE THE CHIEF COMMISSIONER IN BRITISH BALUCHISTAN.

NOTIFICATION.

Quetta, the 17th October 1908.

No. 5488.—Whereas it appears to the Hon'ble the Chief Commissioner, on the report of the District Magistrate, Sibi, that in the local area hereinbelow specified, subject to the jurisdiction of the said Magistrate, camels are habitually allowed to trespass on the land and damage trees growing therein; the Chief Commissioner is pleased to direct, in exercise of the power conferred upon him by section 12 of the Cattle Trespass Act, 1871, as amended by section 5 (1) of Act I of 1891, that on and after the 1st November 1908, on every head of camel which may be seized within the said local area and impounded in accordance with the provisions of the Cattle Trespass Act, 1871, as amended by Act I of 1891, the pound keeper shall levy a fine of one rupee.

Local area above referred to.

The Talli State Forest.

By order,
A. L. JACOB, Captain,
Secretary.

AGENT TO THE GOVERNOR-GENERAL IN CENTRAL INDIA.

NOTIFICATION.

Central India Agency, Indore, the 15th October 1908.

No. 2792-D.—Major Vere de Vere Hunt made over charge of the office of Cantonment Magistrate, Mhow, to Captain P. N. Leslie on the afternoon of the 6th October 1908.

By order,

P. B. WARBURTON,
First Assistant to the Agent to the Governor-General in Central India.

NORTH-WESTERN RAILWAY.

NOTIFICATIONS.

Lahore, the 14th October 1908.

No. 33.—Mr. J. C. Highet, Assistant Engineer, passed the professional examination prescribed in Public Works Department Code, Volume I, Chapter II, paragraphs 167—169 on 28th September 1908.

No. 34.—Mr. A. C. Crighton, District Locomotive Superintendent, has been granted by His Majesty's Secretary of State for India, further extension of leave on medical certificate for 3 months in continuation of that notified in Manager's notification No. 27 of 1908.

The privilege leave for one month and 25 days originally granted to Mr. Crighton wil now stand as combined with furlough on medical certificate granted by the Secretary of State for India.

H. P. BURT,
Manager, N.-W. Railway.

NORTHERN INDIA SALT REVENUE DEPARTMENT.

NOTIFICATION.

Agra, the 3rd October 1908.

No. 178.—Mr. E. St. C. L. Chopin, Superintendent of the Warthganj Depot at Khewrah, cis-Indus and Kalabagh Mines Division, is granted furlough for 4 months and 4 days in continuation of and in combination with privilege leave for 1 month and 26 days, with effect from the 4th October 1908.

R. A. GAMBLE,
Commissioner, Northern India Salt Revenue.

ROYAL INDIAN MARINE.

NOTIFICATION.

FURLOUGH AND LEAVE.

Bombay, the 12th October 1908.

No. 33.—The undermentioned officer is permitted to proceed on leave out of India on private affairs under the leave rules contained in paragraph 131, Marine Regulations, India, Volume I, Part II, the specified period to count from the date of being struck off duty, *i.e.*, 9th October 1908:—

Lieutenant W. K. Thyne, Officiating 3rd Class Assistant Surveyor, Marine Survey of India, for 6th months.

G. H. HEWETT,
Director of the Royal Indian Marine.

TREASURE TROVE.

NOTICE.

Notice is hereby given under section 5 of the Indian Treasure Trove Act VI of 1878 that treasure consisting of the following 12 articles valued at R52 was found on the date and by the persons noted against each article, buried in the house of Bola Kone of Venkatachalapuram, hamlet of Padanthal, Sattur Taluq, Tinnevelly District. All persons claiming the said Treasure or any part thereof are hereby required to appear personally or by an agent duly authorized before the Collector of Tinnevelly at his office at Kokkarakulam on the 1st March 1909 in view to the matter being enquired into and determined according to law.

No. and Description of articles.	Approximate value.	Date on which found.	Persons by whom found.
1	2	3	4
	R a. p.		
1. 1 Whole-rupee of 1876	1 0 0	23-8-08.	Akkal Naick, son of Venkatarama Naick, Venkatachalapuram, Padanthal village.
2. 2 Whole-rupees of 1862	2 0 0		
3. Golden Thayathu with sealing wax francs	22 8 0	23-8-08.	Senthatti Kone, son of Sanka Kone, Venkatachalapuram, Padanthal village.
4. Golden Senthirukku	5 8 0		
5. 1 Silver whole-rupee of 1835	1 0 0		
6. 3 Ditto of 1840	3 0 0		
7. 12 Ditto of 1862	12 0 0		
8. 1 Ditto of 1876	1 0 0		
9. 1 Ditto of 1877	1 0 0		
10. 1 Ditto of 1878	1 0 0		
11. 1 Ditto of 1879	1 0 0		
12. 1 Ditto of 1880	1 0 0		

S. VASUDEVA RAO,
for Collector.

TINNEVELLY COLLECTOR'S OFFICE;
Dated 8th October 1908.

TREASURE TROVE.

NOTICE.

Notice is hereby given under section 5 of the Indian Treasure Trove Act VI of 1878, that on the 28th or 29th April 1908 the undermentioned treasure was found by Chinnappa, son of Garugu Venganna of Apparascheruvu village, while dismantling the walls of his ruined house and laying in foundation for a new house in the village of Apparascheruvu, Dharmavaram Taluk, Anantapur District:—

Description of treasure.	Estimated value.
	R a. p.
Thirty gold coins known as 'Venkataramana swami Madalu'.	60 0 0

All persons claiming the said treasure or part thereof are hereby required to appear personally before the Collector of Anantapur at 11 A. M. at his office at Anantapur on Monday, the 15th March 1909, in view to the matter being enquired into and determined according to law.

K. V. SRINIVASUN,
for Collector.

ANANTAPUR COLLECTOR'S OFFICE;
Dated 13th October 1908.

TREASURE TROVE.

NOTICE.

Notice is hereby given under section 5 of the Indian Treasure Trove Act VI of 1878, that Treasure consisting of the following 6 articles valued at R214-10-0 was found on 12th August 1908 by Pothan Chetty of Mandicolum buried in the backyard of his house in S. No. 103 B Natham land in Government Mandicolum village in Ottapidarum Taluk. All persons claiming the said treasure or any part thereof are hereby required to appear personally or by agent duly authorised before the Collector of Tinnevelly at his office at Kokkarakulam on 1st March 1909 in view to the matter being enquired into and determined according to law.

Name and description of the articles.	Weight Palams.	Approximate Value.	Date on which found.	REMARKS.
HINDU IDOLS.		R a. p.		
1. Seevili Azhwar	63	13 2 0	12-8-08.	Found by Pothan Chetty, son of Solai Chetty of Mandicolum.
2. Sakkaraththazhwar	98	20 7 0		
3. Navaneetha Krishna Idol	118	24 9 0		Note.—R214-10-0 represents only the metal value of the Idols and R600 is their value including the cost of manufacture.
4. Sri Devi } 5. Bhu Devi	359	74 13 0		
6. Srinivasa Idol	392	81 11 0		
	TOTAL	214 10 0		

S. VASUDEVA RAO,
for Collector.

TREASURE TROVE.

NOTICE.

It is hereby notified under section 5 of the Indian Treasure Trove Act VI of 1878, that on the 15th May 1908 treasure consisting of the undermentioned articles and valued at R120 was found in survey field No. 76 of Kilatayanur village, Tirukkoyilur taluk, South Arcot district, Madras Presidency.

2. All persons claiming the said treasure or part thereof are hereby required to appear personally or by agent before the Collector of South Arcot at his office at Cuddalore on Wednesday, the 10th day of March 1909, in view to the matter being enquired into or determined according to law:—

		R a. p.
Gold rings	2	23 0 0
Gold collars	3	34 0 0
Gold Tandai nettis	2	18 0 0
Gold ear ornaments	2	5 0 0
Gold nagavadam	2	5 0 0
Gold Nombu muduchu } Gold bead	2	10 0 0
Gold chilly } Seed coins	200	25 0 0
		120 0 0

(Illegible),
Acting Collector.

SOUTH ARCOT COLLECTOR'S OFFICE;
Dated 17th October 1908.

TREASURE TROVE.

NOTICE.

It is hereby notified under section 5 of the Indian Treasure Trove Act, VI of 1878, that on the 29th June 1908 treasure consisting of the undermentioned articles and valued at R13-0-0 was found in survey field No. 162 of Sananandal village, Tiruvannamalai Taluk, South Arcot District, Madras Presidency.

2. All persons claiming the said treasure or part thereof are hereby required to appear personally or by agent before the Collector of South Arcot at his office at Cuddalore on Wednesday, the 10th day of March 1909, in view to the matter being enquired into or determined according to law.

		R a. p.
Gold chilly seed coins	15	13 0 0
Gold puvarabans	2	

[Illegible.]
For Acting Collector.

SOUTH ARCOT COLLECTOR'S OFFICE;
Dated 17th October 1908.

REPORT OF DESERTIONS.

Report of a Deserter or Absentee without leave from the 1st Battalion West Riding Regiment, dated at Sitapur, this 14th day of October 1908.

Number, Rank, and Name—No. 4757, Lance, Corporal, Peter Coll.
Age—31 years.
Height—5 feet 4 inches.
Colour of—Complexion, fresh ; hair, brown ; eyes, blue.
Trade—Labourer.
Date of enlistment—19th June 1895.
Place of enlistment—Halifax.
Parish and County in which born—Halifax Yorkshire.
Date of desertion or absence—8th October 1908.
Place of desertion or absence—Lucknow.
Marks—1 dot back of left hand, scar right elbow 1 dot left forearm, scar left knee, scar on forehead.
Under two years' service.

R. E. MAFFETT, Captain,
Commanding Wing, West Riding Regiment.

Report of a Deserter or Absentee without leave from the 1st Battalion, Manchester Regiment, dated at Trimulgherry, this 17th day of October 1908.

Number, Rank, and Name—282, Private, Charles Darkes.
Age—22 years and 7 months.
Height—5 feet 4½ inches.
Colour of—Complexion, fresh ; hair, greenish grey ; eyes, brown.
Trade—Fitter.
Date of enlistment—6th December 1904.
Place of enlistment—Ashton-under-Lyne.
Parish and County in which born—Manchester, Lancashire.
Date of desertion or absence—13th October 1908.
Place of desertion or absence—Trimulgherry.
Marks—Mole below right shoulder blade, slightly flat-footed.
Under 4 years' service.

R. D. VIZARD, Colonel,
Commanding 1st Battalion, Manchester Regiment.

Report of a Deserter or Absentee without leave from the 1st Battalion, Royal Sussex Regiment, dated Jhelum, the 19th October 1908.

Number, Rank and Name—4371, Sergeant, John Hamill.
Height—5 feet 6¾ inches.
Colour of—Complexion, pale ; hair, dark ; eyes, light blue. (Figure, medium ; face, thin ; moustache, small and waxed.)
Date of desertion or absence—10th October 1908.
Place of desertion—Jhelum.
Had with him a tin trunk and a bundle of blankets and rugs.

J. G. RAMSAY, Brig. Genl.,
Commanding Jhelum Brigade.

POST OFFICE.

NOTIFICATIONS.

Simla, the 14th October 1908.

No. 2203-*S.-Ap.*—The orders issued in this office Notification No. 296-S.-Ap., dated the 22nd April 1908, sanctioning temporarily an exchange of pay between Tuticorin and Ootacamund, are cancelled with effect from the 29th September 1908.

2. The following appointments are made in the interests of the public service with effect from the same date:—

Mr. H. M. Richardson, postmaster, Ootacamund, to be postmaster, Tuticorin, pay R300, but to continue to act as postmaster, Peshawar, pay R300—400;

Mr. V. Narayanaswamy Mudaliar, 2nd assistant postmaster, Madras, pay R200—300, to be postmaster, Ootacamund, on his own pay, and to act as postmaster, Tuticorin, pay R300, *vice* Mr. H. M. Richardson;

Mr. E. W. Hawkins, postmaster, Tuticorin, to be 2nd assistant postmaster, Madras, on his own pay, *viz.*, R200—300;

Mr. G. H. Combes, postmaster, Vizagapatam, pay R150—200, to act as postmaster, Ootacamund, pay R200—300, *vice* Mr. V. Narayanaswamy Mudaliar.

The 16th October 1908.

No. 2219-*S-Ap.*—The following acting appointments are made with effect from the 1st October 1908, *vice* Mr. G. R. Peter, Superintendent of post offices, 1st grade, and 1st Personal Assistant to the Postmaster-General, Madras, on deputation to act as Deputy Postmaster-General, 3rd grade, in Madras, or until further orders:—

Lala Raj Narayan, Superintendent, Railway Mail Service, 2nd grade, to act in the 1st grade;

Mr. R. W. Hanson, Superintendent of post offices, 3rd grade, to act in the 2nd grade;

Mr. S. N. Devadasen, B.A., Superintendent of post offices, 4th grade, to act in the 3rd grade;

Mr. F. T. Peter, B.A., Superintendent of post offices, 5th grade, to act in the 4th grade;

Mr. V. Desikachari, Probationary Superintendent of post offices, to act as Superintendent of post offices, 5th grade.

The 19th October 1908.

No. 2225-*S.-Ap.*—M. Abdulla Khan, Superintendent of post offices, 3rd grade, is granted an extension of leave on medical certificate for six months with effect from the 17th October 1908, in continuation of the combined leave for six months already sanctioned.

The following officiating appointments are made during his absence on leave or until further orders:—

Mr. L. P. Kulkarni, M. A., Superintendent of post offices, officiating in the 3rd grade, to continue to act in that grade;

Mr. C. N. Parekh, Superintendent of post offices, officiating in the 4th grade, to continue to act in that grade.

No. 2229-*S.-Ap.*—Lala Kundan Lal, Superintendent of post offices, 5th grade, is granted an extension of leave without allowance for one month with effect from the 28th September 1908, in continuation of the leave sanctioned in this office Notification No. 747-S.-Ap. dated the 5th June 1908.

No. 2250-*S.-Ap.*—Mr. P. A. Maybert, 4th Assistant Postmaster, Calcutta General Post Office, pay R200—300, is granted an extension of privilege leave for 1 month and 9 days combined with leave on medical certificate for 3 months and 23 days with effect from the 23rd June 1908.

E. A. DORAN,
Offg. Director-General of the Post Office of India.

ORDERS BY THE HON'BLE THE VICE-CHANCELLOR AND SYNDICATE OF THE CALCUTTA UNIVERSITY.

In supersession of the previous orders dated the 6th October last, published in the *Calcutta Gazette* dated the 14th current, page 313, in the list of text-books in French for the Intermediate Examination in Arts, 1911, *for* "Modern French Poetry (Macmillan)" *read* "Berthon Modern French Verse".

G. C. MUKERJEE,
Offg. Registrar.

SENATE HOUSE;
The 22nd October 1908.

THE HON'BLE THE AGENT TO THE GOVERNOR GENERAL AND CHIEF COMMISSIONER, NORTH-WEST FRONTIER PROVINCE.

NOTIFICATIONS.

Peshawar, the 15th October 1908.

No. 92.—Captain A. G. Shea, 51st Sikhs, Officiating Wing Commander, Southern Waziristan Militia, is granted privilege leave of absence for 30 days, under the provisions of paragraph 220, Army Regulations, India, Volume II, with effect from the forenoon of the 30th September 1908.

No. 93.—Consequent on the grant of privilege leave to Captain A. G. Shea, 51st Sikhs, Officiating Wing Commander, Southern Waziristan Militia, Captain G. S. Bull, 58th Rifles, Officiating Adjutant and Quarter Master, is appointed to officiate as Wing Commander, Southern Waziristan Militia, with effect from the 30th September 1908.

By order, etc.,

A. R. DICK, Colonel,
Inspecting Officer, Frontier Corps,
N-W. Frontier Province.

The 15th October 1908.

No. 94.—The leave on medical certificate granted to M. Muhammad Sarfaraz Khan, Extra Assistant Commissioner, Mardan, in this Administration Notification No. 78, dated the 27th May 1908, is hereby extended by a period of one month.

By order, etc.,

A. H. GRANT,
Secretary to the Chief Commissioner,
North-West Frontier Province.

The 15th October 1908.

No. 95.—On return from the leave granted to him in Notification No. 413-N., dated the 15th July 1908, and subsequently extended by Notifications Nos. 1125-N., dated the 31st August 1908, and 1385-N., dated the 24th September 1908, Khwaja Sajjad Husain, B.A., resumed charge of his duties as officer in charge of the duties of the Inspector General of Education, North-West Frontier Province and Baluchistan, on the forenoon of the 6th October 1908, relieving Khalifa Imad-ud-din, whose services were replaced at the disposal of the Punjab Government from that date.

By order, etc.,

J. L. MAFFEY,
Assistant Secretary to the Chief Commissioner,
North-West Frontier Province.

The 15th October 1908.

No. 96.—The services of Mr. E. C. M. Cooke, Superintendent of Police, Dera Ismail Khan, are replaced at the disposal of the Government of the Punjab, with effect from the afternoon of the 8th August 1908.

By order, etc.,

A. H. GRANT,
Secretary to the Chief Commissioner,
North-West Frontier Province.

The 17th October 1908.

No. 99.—Consequent on the grant of leave on medical certificate to Captain R. Ducat, 20th Duke of Cambridge's Own Infantry, Commandant, Chitral Scouts, Captain C. Prissick, 52nd Sikhs, Assistant Commandant, is appointed to officiate as Commandant, in addition to his own duties with effect from the afternoon of the 17th May 1908.

By order, etc.,

A. R. DICK, Colonel,
Inspecting Officer, Frontier Corps,
North-West Frontier Province.

The 15th October 1908.

APPOINTMENT.

No. 97.—Khuda Dad Khan, Deputy Superintendent of Police, Dera Ismail Khan, is appointed to officiate as Superintendent of Police, Dera Ismail Khan, with effect from the afternoon of the 8th August 1908, *vice* Mr. E. C. M. Cooke, resigned.

By order, etc.,

A. H. GRANT,
Secretary to the Chief Commissioner,
North-West Frontier Province.

The 17th October 1908.

LEAVE.

No. 98.—Captain R. Ducat, 20th Duke of Cambridge's Own Infantry, Commandant, Chitral Scouts, is granted six months' leave out of India on medical certificate under the provisions of paragraph 227 of Army Regulations, India, Volume II, the leave to have effect in India from the afternoon of the 17th May 1908, the specified period to count from the date of embarkation.

CORRIGENDUM.

The 20th October 1908.

No. 100.—In this Administration Notification No. 88, dated the 21st September 1908, for "sixty days" please read "ninety days."

By order, etc.,

A. R. DICK, Colonel,
Inspecting Officer, Frontier Corps,
North-West Frontier Province.

NORTH-WEST FRONTIER PROVINCE—JUDICIAL DEPARTMENT.

NOTIFICATION.

Peshawar, the 8th October 1908.

No. 71-J.—The following list of days to be observed as local holidays by the various Civil Courts in the Province during the year 1909, has been prepared by the Judicial Commissioner and approved by the Local Government, as required by Section 88, sub-section (4) of the North-West Frontier Province Law and Justice Regulation, 1901, and is published for general information.

List of days to be observed as local holidays by the various Civil Courts during the year 1909.

District.	Name of holidays.	Month and date.	Name of days.
Peshawar	Jhanda Fair	18th January	1
	Nauroz Fair	21st March	1
		TOTAL	2
Hazara	Takia Dhamtaur Fair	13th April	1
	Cattle Fair, Haripur	Not fixed	2
		TOTAL	3
Kohat	Nauroz Fair	21st March	1
	Pitr Mokhsh Amaws Fair	25th September	1
		TOTAL	2
Dera Ismail Khan	Manghi Fair	13th January	1
	Sambat Fair	22nd March	1
	Gop-Ashtmi Fair	20th November	1
		TOTAL	3
Bannu	Horse Show	11—13th March	3
		TOTAL	3

NOTE 1.—Where the actual or correct date has not been specified in the above list, the District Judge will fix it in consultation with the Divisional Judge and Deputy Commissioner, and will give timely notice of the date so fixed to the public.

2.—With the previous sanction of the Judicial Commissioner and Local Government (but not otherwise), any day not specified in the list may be substituted for any day which is specified therein.

3.—The number of local holidays allowed for each district will not ordinarily exceed three days in each year.

E. INGLIS,
Offg. Judicial Commissioner

NORTH-WEST FRONTIER PROVINCE—PUBLIC WORKS DEPARTMENT—IRRIGATION BRANCH.

NOTIFICATIONS.

Dated Simla, the 15th October 1908.

No. 2531-I.F.—Whereas it appears to the Hon'ble the Agent to the Governor-General and Chief Commissioner, North-West Frontier Province, that land is required by Government for a public purpose, namely, for a new mill at R. D. 41,000 of distributary No. 9 Lower Swat River Canal, it is hereby declared that the undermentioned land is required for the said purpose.

This declaration is made under the provisions of section 6 of Act I of 1894, and under section 7 of the said Act the Collector, Peshawar, is hereby directed to take order for the acquisition of the said land.

Specification of land.

District.	Tahsil.	Mauza.	Area in acres.	Bov ndaries.	Place where the plans may be inspected.
Peshawar.	Mardan.	Gujar Garhi . . .	0·042	A small plot of land 80′×23′ on right side of distributary No. 9 R. D. 41,000 adjoining present Canal boundary.	Offices of the Executive Engineer, Lower Swat River Canal Division, at Mardan, and of the Deputy Commissioner, Peshawar District.

The 20th October 1908.

No. 2564-*I. F.*—Whereas it appears to the Hon'ble the Agent to the Governor-General and Chief Commissioner, North-West Frontier Province, that land is required by Government for a public purpose, namely, for Kharki Inspection Rest House, left side of Machai Branch, Upper Swat River Canal, at R. D. 43,000 feet, it is hereby declared that the undermentioned land is required for the said purpose.

This declaration is made under the provision of section 6 of Act I of 1894, and under section 7 of the said Act the Collector, Peshawar, is hereby directed to take order for the acquisition of the said land.

Specification of land.

District.	Tahsil.	Mauza.	Area in acres.	Boundaries.	Place where the plans may be inspected.
Peshawar.	Mardan.	Kharki.	4·87	A nearly rectangular piece of ground adjacent to Canal Boundary at R. D. 43,000 left side.	Office of the Executive Engineer, Mardan Division, Upper Swat River Canal at Mardan, and of the Deputy Commissioner, Peshawar District.

J. J. MULLALY,
Secretary for Irrigation, North-West Frontier Province.

NORTH-WEST FRONTIER PROVINCE—MEDICAL DEPARTMENT.

Weekly Return of Births and Deaths registered at the undermentioned Municipal Towns in the North-West Frontier Province during the week ending Saturday, the 3rd October 1908.

Number.	Districts.	Municipal Towns.	Population according to the Census of 1901.	Births.			Deaths.			Cause of Death.								Infants under one year of age.			Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.	Number.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Smallpox.	Plague.	Fever.	Dysentery and Diarrhœa.	Respiratory disease.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Hazara	Abbottabad	3,395	1	2	3	2	1	1	...	...	...	1	...	...	...	1	...	...	...	46	31	1
2		Nawashahr	4,114	...	1	1	4	1	3	...	...	...	2	...	1	...	1	...	...	...	13	51	2
3		Buffa	7,029	3	3	6	6	5	1	...	...	...	...	...	2	2	2	...	...	...	45	45	3
4		Haripur	5,578	2	1	3	3	3	...	...	...	...	1	...	...	...	2	2	...	2	28	28	4
5	Peshawar	Peshawar	73,343	18	11	29	46	25	21	...	...	...	31	1	9	...	5	5	1	6	21	33	5
6	Kohat	Kohat	18,092	4	5	9	6	2	4	...	...	...	4	...	...	...	2	1	2	3	26	17	6
7	Bannu	Bannu	10,070	1	3	4	8	1	7	1	...	...	5	...	...	...	2	1	3	4	21	41	7
8		Lakki	5,218	1	2	3	1	...	1	...	...	...	...	...	1	...	...	...	...	...	30	10	8
9	Dera Ismail Khan.	Dera Ismail Khan	28,287	12	15	27	22	10	12	...	...	...	13	...	3	...	6	4	3	7	50	41	9
10		Kulachi	9,125	1	1	2	3	1	2	...	...	...	2	1	...	...	...	...	1	1	11	17	10
11		Tank (Notified area)	4,402	2	...	2	4	2	2	...	...	...	1	...	...	1	2	2	1	3	24	47	11
		Total	168,653	45	44	89	105	51	54	1	...	...	60	2	16	3	23	15	11	26	28	32	

Remarks by the Administrative Medical Officer, North-West Frontier Province, on the general health of the Municipal Towns during the week ending Saturday, the 3rd October 1908.

Births and deaths in Municipal Towns.—In the 11 Municipal Towns, 89 births were registered (45 males and 44 females), giving a birth-rate of 28 *per mille* of population; 105 deaths were registered (51 males and 54 females), giving a death-rate of 32 *per mille* of population.

G. W. P. DENNYS, Lieut.-Col., I.M.S.,
Administrative Medical Officer, North-West Frontier Province.

Peshawar, the 14th October 1908.

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Accounts relating to the Trade carried by Rail and River in India in the quarter and in the twelve months ending March 1908. No. 4 of 1907-08. Foolscap. Paper cover. 8*a.* or 9*d.* (2*a.*)

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Memoirs, Vol. II, No. 6, "Tarikh-i-Nusratjangi," By Harinath De, at R1 each.

BIBLIOTHECA INDICA.

Catapatha Brahmana, Vol. 6, Fasc. 1. By Acharya Satyarrata Samarami, at R1-4.
Mohabhasyapradipoddyota, Vol. 3, Fasc. 7. By Pandit Balmvallabha Castri, at As. 10.
Samaraiccakaha, Fasc. I. By Dr. Hermann Jacobi, at As. 10.

LIST OF PUBLICATIONS ISSUED BY THE METEOROLOGICAL DEPARTMENT DURING THE CURRENT QUARTER.

Monthly Weather Review, April 1908. (Illustrated by 7 plates.) Quarto. Paper cover. R1.

LIST OF BOOKS PUBLISHED BY THE METEOROLOGICAL DEPARTMENT FROM 1st APRIL TO 30th SEPTEMBER 1908.

Monthly Weather Review, April 1907 to March 1908. (Illustrated by 7 plates.) Quarto. Paper cover. R1 per month.

Annual Summary of the Monthly Weather Review, 1906. (Illustrated by 6 plates.) Quarto. Paper cover. R3.

Memoirs of the Indian Meteorological Department, Vol. XX, Part II. By J. H. Field, Esq., M.A. Quarto. Paper cover. R1.

Memoirs of the Indian Meteorological Department, Vol. XX, Part IV. By R. L. C. Jones, Esq., M.A. (Illustrated by 35 plates). Quarto. Paper cover. R1.

Meteorological Atlas of the Indian Seas and the North Indian Ocean prepared chiefly by W. L. Dallas, Esq., under the direction of Gilbert T. Walker, Esq., M.A., D.Sc., F.R.S., Director General of Observatories, 1908. Royal. Cloth. R13 or 17*s.* 6*d.* (11*a.*) Copies of the Atlas may be had from the Office of the Superintendent, Government Printing, India. Prospectus with Specimen Map will be sent free on application.

The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, OCTOBER 31, 1908.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

IMPERIAL LI
31.OCT.08

PART II.

Notifications by High Court, Comptroller General, etc.

GAZETTE OF INDIA.

NOTICE.

The 20th March 1908.

From the 4th April next till further notice, Parts I, IV, V and VI of the *Gazette of India* and the Weather and Crop Report will be published at Simla. After the 28th March all notifications and other matter intended for publication in the *Gazette* should be addressed to the Officiating Publisher at Simla.

Attention is invited to the following Circular Memorandum of the Government of India, Home Department, of August 1901 :—

"It has been brought to the notice of this Department that matter for the *Gazette of India* is sometimes sent to the Press late on Friday evenings for publication in the next day's *Gazette*, and that this involves considerable inconvenience to the Press and expense to Government. In the Circular Memorandum of this Department, No. 777—79, dated 9th February 1870, the Government of India directed that all notifications or other matter intended for insertion in the *Gazette of India* should be delivered at the Press not later than 2 P.M. on Friday, and that any papers sent thereafter must be certified to be extremely urgent in order to ensure their appearance in the next day's *Gazette*. The undersigned is directed to request that these orders may be more strictly observed in future, and that Departments will refrain from sending to the Press as extremely urgent any papers which can without harm or inconvenience be held over for the next *Gazette*."

J. P. HEWETT,
Secretary to the Government of India.

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J. J. MEIKLE,
Publisher, *Gazette of India*.

COMPTROLLER GENERAL'S OFFICE.

No. 2460.—Preliminary Account of Receipts and Disbursements of the Government of India for the first five months of 1908-1909 as compared with the corresponding period of 1907-1908.

ENGLAND.						RECEIPTS.	INDIA.					
Whole year.		April to August.					Whole year.		April to August.			
Preliminary Accounts, 1907-1908.	Budget, 1908-1909.	1907-1908.	1908-1909.	Increase.	Decrease.		Preliminary Accounts, 1907-1908.	Budget, 1908-1909.	1907-1908	1908-1909.	Increase.	Decrease.
£	£	£	£	£	£		R	R	R	R	R	R
						Revenue.						
						PRINCIPAL HEADS OF REVENUE.						
...	...	...	...	...	...	Land Revenue (including that due to Irrigation)	29,85,78,000	31,55,02,000	10,28,77,000	9,22,37,000	...	1,06,40,000
...	...	...	...	...	...	Opium	7,86,66,000	7,26,43,000	3,39,54,000	3,53,23,000	13,69,000	...
...	...	...	...	...	...	Salt	5,00,27,000	5,10,33,000	2,33,34,000	1,94,68,000	...	38,66,000
...	...	...	...	...	...	Stamps	6,19,92,000	6,54,25,000	2,75,00,000	2,79,63,000	4,63,000	...
...	...	...	...	...	...	Excise	9,31,38,000	9,58,86,000	3,84,76,000	3,94,23,000	9,47,000	...
...	...	...	...	...	...	Customs	7,50,65,000	7,50,05,000	2,88,10,000	2,94,22,000	6,12,000	...
700	...	700	...	...	700	Other Heads	9,70,07,000	7,42,00,000	3,39,59,000	2,37,25,000	...	1,02,34,000
700	...	700	...	...	700	TOTAL PRINCIPAL HEADS	75,44,73,000	74,96,94,000	28,89,10,000	26,75,61,000	...	2,13,49,000
180,600	117,300	81,500	38,400	...	43,100	Interest	1,28,17,000	1,34,59,000	52,66,000	52,10,000	...	56,000
12,300	5,000	5,700	2,200	...	3,500	Post Office, Telegraph, and Mint	4,56,09,000	4,82,56,000	1,90,61,000	1,76,23,000	...	14,38,000
1,400	1,500	400	300	...	100	Receipts by Civil Departments	2,17,47,000	1,70,87,000	82,54,000	64,19,000	...	18,35,000
77,300	85,300	36,400	51,100	14,700	...	Miscellaneous	87,24,000	65,85,000	33,29,000	20,26,000	...	13,03,000
38,900	33,700	300	58,400	58,100	...	Railways	41,35,25,000	43,63,72,000	17,46,49,000	15,99,21,000	...	1,47,28,000
...	...	...	...	...	...	Irrigation (excluding Land Revenue due to Irrigation)	3,63,70,000	3,85,05,000	1,58,09,000	1,72,00,000	13,91,000	...
1,600	...	1,600	...	...	1,600	Other Public Works	85,31,000	36,68,000	30,19,000	12,53,000	...	17,66,000
405,900	377,800	134,300	128,000	...	6,300	Receipts by Military Department	88,59,000	95,83,000	41,02,000	39,74,000	...	1,28,000
718,700	620,600	260,900	278,400	17,500	...	TOTAL REVENUE	1,31,06,55,000	1,32,32,09,000	52,23,99,000	48,11,87,000	...	4,12,12,000
						Railway and Irrigation Capital not charged to Revenue.						
...	...	...	1,796,600	1,796,600	...	Capital of Railway Companies (net Receipts)	...	7,14,84,000	22,64,000	...	...	22,64,000
						Debt, Deposits, and Advances.						
9,143,000	...	3,000,000	601,200	...	2,398,800	Permanent Debt (net incurred)	2,37,44,000	2,87,30,000	2,39,38,000	1,80,88,000	...	58,50,000
1,000,000	500,000	...	2,500,000	2,500,000	...	Temporary do. (do.)	...	...	...	...	...	...
...	...	...	...	...	...	Unfunded do. (do.)	26,16,000	68,02,000	51,27,000	3,72,000	...	47,55,000
1,232,400	2,400	40,000	...	...	40,000	Deposits and Advances (net)	2,08,85,000	...	45,55,000	...	...	45,55,000
...	...	...	...	...	...	Loans and Advances by Imperial Government	77,74,000	36,64,000	31,41,000	21,07,000	...	10,34,000
...	...	...	...	...	...	Do. do. by Provincial Governments	1,22,31,000	2,43,23,000	56,68,000	96,62,000	39,94,000	...
...	...	...	...	...	...	Capital Account of Local Boards (net Receipts)	...	...	...	...	...	...
...	1,489,800	...	3,134,500	3,134,500	...	Remittances (net)	4,63,41,000	...	1,45,24,000	...	...	1,45,24,000
15,705,700	18,500,000	9,938,000	748,300	...	9,189,700	Secretary of State's Bills drawn	...	...	...	...	...	...
...	...	...	...	...	...	Drafts on London (net)	...	...	...	83,84,000	83,84,000	...
27,081,100	20,492,200	12,978,000	6,984,000	...	5,994,000	TOTAL	11,35,91,000	6,35,19,000	5,69,53,000	3,86,13,000	...	1,83,40,000
27,799,800	21,112,800	13,238,900	9,059,000	...	4,179,900	TOTAL RECEIPTS	1,42,42,46,000	1,45,82,12,000	58,16,16,000	51,98,00,000	...	6,18,16,000
5666,800	5,115,000	5,606,600	5,738,500	131,900	...	Opening Balance	15,49,24,000	18,96,03,000	15,49,22,000	19,27,82,000	3,78,60,000	...
33,406,600	26,227,800	18,845,500	14,797,500	...	4,048,000	GRAND TOTAL	1,57,91,70,000	1,64,78,15,000	73,63,38,000	71,25,82,000	...	2,39,56,000

ENGLAND.						DISBURSEMENTS.	INDIA.					
Whole year.		April to August.					Whole year.		April to August.			
Preliminary Accounts, 1907-1908.	Budget, 1908-1909.	1907-1908.	1908-1909.	Increase.	Decrease.		Preliminary Accounts, 1907-1908.	Budget, 1908-1909.	1907-1908.	1908-1909.	Increase.	Decrease.
£	£	£	£	£	£		R	R	R	R	R	R
						Expenditure.						
115,900	129,300	46,200	62,100	15,900	...	Direct Demands on the Revenues	13,08,81,000	13,24,95,000	6,28,23,000	5,92,45,000	...	35,78,000
1,763,500	1,758,700	1,568,100	968,800	...	599,300	Interest (including in India that on Capital Expenditure on Railways and Irrigation Works)	4,69,66,000	5,54,08,000	2,14,94,000	2,21,43,000	6,49,000	...
326,000	288,300	162,400	115,500	...	46,900	Post Office, Telegraph, and Mint	3,80,87,000	4,15,43,000	1,50,64,000	1,56,39,000	5,75,000	...
432,300	477,200	247,500	182,100	...	65,400	Salaries and Expenses of Civil Departments	20,82,55,000	20,34,01,000	8,05,83,000	7,96,93,000	...	8,90,000
2,557,100	2,529,800	1,151,500	1,139,900	...	11,600	Miscellaneous Civil Charges	3,32,99,000	3,13,54,000	1,34,04,000	1,65,88,000	31,84,000	...
13,200	9,000	2,100	6,100	4,000	...	Famine Relief and Insurance	1,45,07,000	2,28,33,000	24,77,000	1,63,54,000	1,38,77,000	...
8,102,100	8,303,400	3,392,600	4,053,600	661,000	...	Railway Revenue Account (excluding in India Interest on Capital Expenditure)	23,03,29,000	23,42,82,000	8,63,09,000	10,37,35,000	1,74,26,000	...
108,300	111,400	...	55,700	55,700	...	Irrigation Revenue Account (excluding in India Interest on Capital Expenditure)	2,83,33,000	2,82,77,000	99,27,000	1,14,66,000	15,39,000	...
68,100	60,900	55,000	33,300	...	21,700	Other Public Works	10,28,13,000	6,58,94,000	2,41,42,000	2,41,31,000	...	11,000
4,980,100	4,862,000	1,956,500	2,028,000	71,500	...	Army Services	20,86,68,000	23,67,44,000	9,00,10,000	9,25,46,000	25,36,000	...
20,900	79,100	10,800	4,900	...	5,900	Special Defence Works	14,29,000	4,55,000	8,99,000	1,77,000	...	7,22,000
18,487,500	18,609,100	8,592,700	8,650,000	57,300	...	TOTAL EXPENDITURE, IMPERIAL AND PROVINCIAL	1,04,35,67,000	1,05,26,86,000	40,71,32,000	44,17,17,000	3,45,85,000	...
...	...	...	...	...	...	*Add*—Provincial Surpluses: that is, portion of allotments to Provincial Governments not spent by them in the year	...	...	...	...	...	...
...	...	...	...	...	...	*Deduct*—Provincial Deficits: that is, portion of Provincial Expenditure defrayed from Provincial balances	...	—78,76,000	...	...	...	...
18,487,500	18,609,100	8,592,700	8,650,000	57,300	...	TOTAL EXPENDITURE CHARGED AGAINST REVENUE	1,04,35,67,000	1,04,48,10,000	40,71,32,000	44,17,17,000	3,45,85,000	...
						Railway and Irrigation Capital not charged to Revenue.						
2,301,400	3,093,100	730,600	1,446,000	715,400	...	Capital Outlay on Railways and Irrigation Works	6,94,97,000	9,69,31,000	2,23,54,000	—45,17,000	...	2,68,71,000
2,144,800	...	...	1,500,000	1,500,000	...	Capital Charge involved in Redemption of Liabilities	...	...	...	...	...	...
1,690,700	646,800	1,629,500	...	...	1,629,500	Capital of Railway Companies (net payments)	75,31,000	...	...	47,36,000	47,36,000	...
6,336,900	3,739,900	2,360,100	2,946,000	585,900	...	TOTAL	7,70,28,000	9,69,31,000	2,23,54,000	2,19,000	...	2,21,35,000
						Debt, Deposits, and Advances.						
...	119,800	...	...	...	...	Permanent Debt (net discharged)	...	...	...	...	...	...
...	...	...	...	...	...	Temporary do. (do.)	...	...	...	...	...	...
...	...	...	...	...	...	Unfunded do. (do.)	...	...	...	...	...	...
...	...	...	1,363,300	1,363,300	...	Deposits and Advances (net)	...	5,51,000	...	1,21,73,000	1,21,73,000	...
...	...	...	...	...	...	Loans and Advances by Imperial Government	16,52,000	62,35,000	5,66,000	15,45,000	9,79,000	...
...	...	...	...	...	...	Do. do. by Provincial Governments	3,61,90,000	2,48,59,000	50,20,000	2,85,33,000	2,35,13,000	...
...	...	...	...	...	...	Capital Account of Local Boards (net payments)	75,000	...	...	...	...	...
...	...	...	...	...	...	Remittances (net)	...	2,15,79,000	...	6,31,73,000	6,31,73,000	...
2,843,700	...	2,708,200	...	...	2,708,200	Secretary of State's Bills paid	22,83,05,000	26,98,35,000	13,36,69,000	1,01,80,000	...	12,34,89,000
...	...	...	...	...	...	Do. do. do. exchange	—4,61,000	14,000	—7,85,000	52,000	8,37,000	...
...	...	...	...	...	...	TOTAL	26,57,61,000	32,30,73,000	13,84,70,000	11,56,56,000	...	2,28,14,000
2,843,700	119,800	2,708,200	1,363,300	...	1,344,900	TOTAL DISBURSEMENTS	1,38,63,56,000	1,46,48,14,000	56,79,56,000	55,75,92,000	...	1,03,64,000
27,668,100	22,468,800	13,661,000	12,959,300	...	701,700	Closing Balance	19,28,14,000	18,30,01,000	16,85,82,000	15,49,90,000	...	1,35,92,000
5,738,500	3,759,000	5,184,500	1,838,200	...	3,346,300	GRAND TOTAL	1,57,91,70,000	1,64,78,15,000	73,65,38,000	71,25,82,000	...	2,39,56,000
33,406,600	26,227,800	18,845,500	14,797,500	...	4,048,000							

F. C. HARRISON,
Offg. Comptroller General.

The 30th October 1908.

GOVERNMENT OF INDIA.

DEPARTMENT OF COMMERCE AND INDUSTRY.

INVENTIONS and DESIGNS.

Calcutta, the 29th October 1908.

NOTIFICATIONS.

No. 3885 P.—APPLICATIONS in respect of the undermentioned inventions have been filed, under the provisions of the Inventions and Designs Act of 1888, in the office of the Secretary appointed under that Act during the week ending 26th October 1908:—

No. 442 of 1908.—H. N. Walter, electrical engineer, 1A, Rest House road, Bangalore, South India. *A folding foot-board for railway carriages.*

No. 443 of 1908.—S. Lethbridge, Captain, R. A., assistant superintendent, Rifle Factory, Ishapore. *Securing the doors of railway trains in motion or at rest.*

No. 444 of 1908.—Bhim Chandra Chatterjee, electrical engineer to the Government of Nepal, Nepal. *The Annada electrolier switch for turning on one, two, three or more lamps or groups of lamps at will, in an electric circuit.*

No. 445 of 1908.—Ernest Lee Walter, merchant, of 29 Rood lane, in the city of London, England. *Improvements in the construction of certain kinds of fire-extinguishing apparatus.*

No. 446 of 1908.—Frederic Augustin Pollard, engineer, of 165 Boulevard Voltaire, Paris, France. *Improvements relating to apparatus for the automatic regulation of refrigerating machines.*

No. 447 of 1908.—Societe Francaise Des Wagons Aerothermiques, of 42 Rue du Louvre, Paris, France. *Improvements relating to the refrigeration of railway vans or carriages.*

No. 448 of 1908.—Grand Rapids Veneer Works, manufacturers, of 304 North Front street, in the city of Grand Rapids, county of Kent, state of Michigan, United States of America. *Improvements in drying lumber.*

No. 449 of 1908.—John Blum, doctor of chemistry, of 7 Rue street, Boniface, Brussels, in the kingdom of Belgium, and Alfred William Carpenter, banker, of 28 Bedford street, London, England. *Improvements in and relating to the manufacture of artificial Para rubber.*

No. 450 of 1908.—Sorabji Muncherji Rutnagur, journalist, of 27 Meadows street, Bombay. *Improvements in railway carriages.*

No. 451 of 1908.—Auto-Hydraulic Limited, of 108a Cannon street, London, E. C., England. *Improvements in or relating to liquid containers and valve-mechanism therefor particularly applicable for use in water and like elevators.*

No. 3886 P.—THE undermentioned designs have been registered, under the provisions of the Inventions and Designs Act, 1888, in the office of the Secretary appointed under that Act, and copies have been sent to the Governments of Madras, Bombay, and Burma. These and other designs are open to public inspection, from 11 A.M. to 3 P.M., at the Secretary's office, 2, Bankshall Street, Calcutta, on payment of a fee of one rupee, and a certified copy of any one of them will be supplied on payment of the fixed expenses of copying:—

No. 51-D. of 1908.—Kamerally Tyebally, of Messrs. Loyn Moon and Co., carrying on business at 198 Shaik Memon street, Bombay. *Wall paper with pictorial design.*

No. 52-D. of 1908.—Kamerally Tyebally, of Messrs. Loyn Moon & Co., carrying on business at 198 Shaik Memon street, Bombay. *Wall paper with pictorial design.*

No. 3887 P.—SPECIFICATIONS of the undermentioned inventions have been filed, under the provisions of the Inventions and Designs Act of 1888, in the office of the Secretary appointed under that Act, and copies have been sent to the Governments of Madras, Bombay, and Burma, and the Director of the Department of Land Records and Agriculture, United Provinces of Agra and Oudh. These and other specifications are open to public inspection, from 11 A.M. to 3 P.M., at the Secretary's office, 2, Bankshall Street, Calcutta, on payment of a fee of one rupee, and a certified copy of any one of them will be supplied on payment of the fixed expenses of copying:—

No. 353 of 1907.—James Duckett, weaving manager, Maneckchock Mill Bungalow, Ahmedabad. *Continuously spinning and twisting, or doubling yarns and at the same time winding them in the form of a hank or a warpers bobbin.* (Specification filed 23 April 1908.)

No. 104 of 1908.—Edward Churchill St. John, eletcrical engineer, care of Binny and Company, Limited, Madras, British India. *Improvements in supports for electric or other ceiling fans.* (Specification filed 20 October 1908.)

No. 342 of 1908.—John Arthur Jefferson Hayes, gentleman, of 21 Spring Gardens, Manchester, Lancashire, England. *Improvements in printing machinery.* (Specification filed 28 September 1908.)

No. 343 of 1908.—William Foden, Secretary, and the United Kingdom Self-Adjusting Anti-Friction Metallic Packing Syndicate Limited, manufacturers both of 14 Cook street, Liverpool, in the county of Lancaster, England. *Improvements in metallic packing for piston rods and the like.* (Specification filed 14 October 1908.)

No. 355 of 1908.—Mirza Mohamed Manzur Ali Khan, mechanical engineer, of Farash Khana, in the town and district of Delhi, Punjab, British India. *Improvements in the construction of hand looms.* (Specification filed 19 October 1908.)

No. 356 of 1908.—Frederick Henry Addis, engineer, of 21 Wellington road, Bridlington, in the county of York, England. *Improvements in and relating to shoe fastenings.* (Specification filed 16 October 1908.)

No. 362 of 1908.—The Friese-Greene Patents Limited, manufacturers, of 64 Victoria street, Westminster, London, England. *Improvements in and relating to cinematographic apparatus.* (Specification filed 20 October 1908.)

No. 368 of 1908.—Richard Poore, manufacturer, of 33 Chaucer road, Herne Hill, in the county of London, England. *An improved safety door fastening.* (Specification filed 16 October 1908.)

No. 3888 P.—THE fees prescribed in the fourth schedule to the Inventions and Designs Act of 1888 have been paid for the continuance of exclusive privilege in respect of the undermentioned inventions for the periods shown against each:—

No. 147 of 1895.—William Bull. *Improvements in burning bricks and tiles.* (From 2nd December 1908 to 2nd December 1909.)

No. 400 of 1903.—Tozaburo Suzuki. *Improvements in apparatus for manufacturing rock candy sugar.* (From 9th February 1909 to 9th February 1910.)

No. 540 of 1904.—Window Glass Machine Company. *Improvements in the manufacture of sheet glass and apparatus therefor.* (From 8th February 1909 to 8th February 1910.)

No. 3889 P.—WHEREAS the inventors of the undermentioned inventions have respectively failed to pay, within the time limited in that behalf by the fourth schedule to the Inventions and Designs Act of 1888, the fees hereinafter respectively mentioned, it is hereby notified that under the provisions of section 8, sub-section (2), of the said Act the exclusive privilege of making, selling, and using the said inventions in British India, and of authorizing others so to do, has ceased:—

No. 530 of 1903.—Pherozshaw Ruttonjee Jussawalla. *The Punkah pulling machine.* (Specification filed 18 July 1904.)

No. 95 of 1904.—Oswald Loffler and Dr. Wilhelm Weidle. *Improvements in filters.* (Specification filed 19 July 1904.)

No. 169 of 1904.—The Starrett Cotton Gin Company. *Improvements in apparatus for ginning cotton.* (Specification filed 19 July 1904.)

Fee in respect of the continuance of an exclusive privilege—

4 (*a*) After the filing of the specification and before the expiration of the fourth year from the date of the filing thereof—

The sum of R50 for each of the above inventions.

NOTICES.

All communications relating to applications for leave to file specifications and for registration of designs under the Inventions and Designs Act, 1888 (V of 1888), or in continuation of such applications, should be addressed to the Patents Secretary, 2, Bankshall Street, Calcutta.

The Office of the Secretary under the Inventions and Designs Act, 1888, will in future be open for the transaction of business from 11 A.M. to 3 P.M. on all days, except Sundays and gazetted holidays.

The Government of India are advised that, as trade marks are not "designs" within the meaning of the Act, they cannot be registered under Part II.

The fees payable under the fourth and sixth schedules are now collected in cash, and applicants are warned that they must be responsible for any delay in cashing cheques.

Cheques and money orders will only be accepted if made payable *at Calcutta* to the Secretary under the Inventions and Designs Act.

Copies of the weekly notifications, and of the quarterly lists, of applications and specifications filed in the Secretary's Office are now on sale to the public at one anna and eight annas a copy, respectively. Consolidated indexes for 1905, 1906 and 1907, entitled "Inventions and Designs," are also on sale, price one rupee each. They contain a chronological list, subject-matter and name indexes of exclusive privileges for inventions, which have been obtained or applied for in the year, together with lists of designs applications.

All applications made under the Inventions and Designs Act, V of 1888, will from this date (December 19th, 1896) lie in the visitors' room of the Patents Office for ten days from the date of the *Gazette of India* in which their filing may have been notified: or, if the 10th day is a holiday, till the evening of the office day next following.

At the time of delivering or sending an application for leave to file a specification, the applicant shall cause a duplicate copy of the application to be delivered or sent therewith to the Secretary.

The Inventions and Designs Act (V of 1888), with the notifications and rules issued under its provisions and the notices of the office of Inventions and Designs, to which is added an explanatory memorandum for the guidance of persons applying for protection of Inventions and Designs. A new and revised edition is now on sale. Royal 8vo volumes, paper cover, price one rupee or 1*s.* 6*d.* To be had of the Superintendent, Government Printing, 8, Hastings Street, Calcutta, or of the Superintendent, Patents Office, 2, Bankshall Street, Calcutta.

H. G. GRAVES,

Secretary under the Inventions and Designs Act, V of 1888.

THOMASON CIVIL ENGINEERING COLLEGE, ROORKEE.

NOTIFICATION.

Roorkee, the 10th June 1908.

A Registry Office for men of the undermentioned grades is kept up by the Principal, Thomason College, Roorkee. Officers and employers of labour requiring men are requested to apply to the Principal :—

1. Engineers.
2. Overseers.
3. Sub-Overseers.
4. Draftsmen and Surveyors.
5. Motor Car Drivers.
6. Engine Drivers.
7. Men trained in—

(*a*) Photo.-Mechanical and Lithographic Work.
(*b*) Workshops (both Electrical and Mechanical sides).

E. ATKINSON, Major, R.E.,
Principal, Thomason College, Roorkee.

CINCHONA FEBRIFUGE.

Cinchona Febrifuge can be purchased for cash only by Government officers and the general public, from the Superintendent, Royal Botanic Garden, Calcutta.

The rates for Government officers are : —

	R a. p.	Post-free. R a. p.
16-oz. tin	7 8 0	7 14 0
8 " "	3 12 0	4 0 0
4 " "	1 14 0	2 2 0

The rates for the general public taking 5 lbs. and upwards at a time are the same as for Government officers. For any quantity below five pounds, the rates are :—

	R a. p.	Post-free. R a. p.
16-oz. tin	9 0 0	9 6 0
8 " "	4 8 0	4 12 0
4 " "	2 4 0	2 8 0

Cinchona Febrifuge is sold also by the principal druggists in Calcutta.

BOARD OF EXAMINERS.

NOTICES.

Specimens of Persian Manuscripts for the use of candidates for the Degree of Honour and High Proficiency examinations in Persian, published in facsimile by the Board of Examiners, Fort William, under the authority of the Government of India. Price R6. Forwarded V.-P. P., on application to the Secretary, Board of Examiners, 4, Park Street.

For the convenience of Civil and Military officers desirous of appearing for examination in oriental languages, the Board of Examiners publish periodically a collection of specimen papers set for the examination held by them.* Collections of papers for 1902-1903, 1903-1904, 1904-1905, 1905-1906 and 1906-1907 are ready for sale. Price R3 per copy and may be obtained on application to the Secretary, Board of Examiners, 4, Park Street.

Diwan-i-Sarkhush (official edition), one of the books recommended for the High Proficiency examinations in Persian; obtainable from Board of Examiners' office, price R3 per copy.

The Kalam-i-Urdu, the text-book for the new Proficiency Standard in Urdu, is now ready for issue, price R2-12.

Qaāni, one of the books recommended for the Degree of Honour examination in Persian; obtainable from the Board of Examiners' office, price R7-8 per copy.

"Dewan-i-Andalib," one of the books recommended for the High Proficiency in Persian, is obtainable from the Board of Examiners' office, price R4 per copy.

Glossary to Ar-Rauzatuz-Zakiyah, the new text-book for the Higher Standard Examination in Arabic, price R6-4 per copy, is also obtainable from this office.

* *N.B.*—The languages in which specimen papers are published are :—
Arabic, Bengali, Hindi, Persian, Sanskrit, Urdu.

C. L. PEART, Captain,
Offg. Secretary, Board of Examiners.

DEPARTMENT OF ISSUE OF PAPER CURRENCY.

Calcutta, the 26th October 1908.

Abstract of the accounts of the Department of Issue of Paper Currency on the 22nd October 1908.

	Total amount of Notes in Circulation.			Reserve.										Remarks.
				Coin and Bullion.							Securities (Purchase price).		Total.	
				In India.			In England.		In Transit between India and England.					
	In Reserve Treasuries.	Elsewhere.	Total.	Silver Coin.	Gold Coin and Bullion.	Silver Bullion under coinage.†	Gold Coin and Bullion.	Silver Bullion.	Gold Coin and Bullion.	Silver Bullion.	Held in India.	Held in England.		
	1	2	3	4	5	6	7	8	9	10	11	12	13	
	R	R	R	R	R	R	R	R	R	R	R (a)	R (b)	R	
Calcutta	63,47,225	14,80,73,535	15,44,20,760	3,86,23,829	*2,16,240	7,86,970	2,55,75,000	...	...	...	9,99,99,946	2,00,00,000	18,52,01,985	(a) Nominal value—R10,20,81,500 (b) Nominal value—R2,24,24,292.
Cawnpur	...	2,97,68,650	2,97,68,650	7,19,37,580	3,23,122	...	...	...	...	...	...	...	7,22,60,702	
Lahore	...	2,97,94,920	2,97,94,920	3,82,03,694	4,25,700	...	...	...	...	...	...	...	3,86,29,394	
Bombay	62,29,800	10,59,97,350	11,22,27,150	4,15,69,737	10,76,077	...	...	...	...	...	...	...	4,26,45,814	
Karachi	..	2,09,00,905	2,09,00,905	78,14,095	4,49,175	...	...	...	...	...	...	...	82,63,270	
Madras	13,09,205	5,20,49,385	5,33,58,590	2,18,65,685	2,92,485	...	...	...	...	...	...	...	2,21,58,170	
Calicut	.	28,83,020	28,83,020	15,65,465	64,215	...	...	...	...	...	...	...	16,29,680	
Rangoon	.	3,87,26,300	3,87,26,300	6,78,55,185	4,25,175	...	...	...	...	...	...	...	6,82,80,360	
	1,38,86,230	42,81,94,065	44,20,80,295	28,94,35,270	32,72,189	7,86,970	2,55,75,000	...	...	...	9,99,99,946	2,00,00,000	43,90,69,375	
Deduct—Withdrawn from circulation by Foreign Circles and in course of remittance to Circles of issue			30,10,920	*Deduct*—Amount due on Bills drawn by one circle on another									*Nil*	
Total Circulation R			43,90,69,375								Total Reserve R		43,90,69,375	

* There was no transfer of Gold between the Paper Currency Reserve and the Gold Standard Reserve during the week ending 22nd October 1908.

† The Silver held in the Gold Standard Reserve on the 22nd October 1908 consisted of :—

(a) 600 lakhs, the permanent nucleus of its silver branch.

(b) 1,208 lakhs, paid into the Reserve out of the proceeds of Sterling Bills drawn on the Secretary of State.

1,808 lakhs in all.

F. C. HARRISON,

Offg. Head Commissioner of Paper Currency.

BANK OF BENGAL.

Statement of the Affairs of the Bank of Bengal for the week ending 27th October 1908.

LIABILITIES.	R	a.	p.
Capital paid up	2,00,00,000	0	0
Reserve Fund	1,62,50,000	0	0
Public Deposits at Head Office (R 69,03,037 a. 0 p. 2) + Public Deposits at Branches (R 68,69,883 a. 3 p. 11)	1,37,72,920	4	1
Other Deposits at Head Office and Branches	17,15,53,854	6	3
Bank Post Bills, etc.	8,73,290	0	5
Sundries	15,35,638	1	0
RUPEES	22,39,85,702	11	9

ASSETS.	R	a.	p.
Government Securities	2,91,78,203	0	0
Other authorized Investments	38,79,422	0	0
Loans on Government and other authorized Securities	3,94,82,124	13	1
Accounts of Credit on Government and other authorized Securities	5,00,01,549	1	11
Bills discounted and purchased	2,54,67,403	7	6
Balances with other Banks	17,67,904	2	11
Bullion	4,053	0	0
Dead Stock	17,34,774	1	8
Stamps	16,078	8	4
Sundries	85,146	10	5
	15,16,17,258	13	10
Cash and Currency Notes at Head Office * (R 2,20,54,730 a. 14 p. 4) + Cash and Currency Notes at Branches † (R 5,03,13,712 a. 15 p. 7)	7,23,68,443	13	11
RUPEES	22,39,85,702	11	9

* Includes Sovs. & ½ Sovs., value R2,30,850 0 0
† Do. do. do. R1,80,465 0 0

R4,11,315 0 0

By order of the Directors,

BANK OF BENGAL;
Calcutta, 29th October 1908.

J. GRAVES,
for Chief Accountant.

L. G. DUNBAR,
Offg. Secretary and Treasurer.

Rate for Demand Loans 4 per cent.
Percentage 38.54.

SULPHATE OF QUININE AND SULPHATE OF CINCHONIDINE.

Manufactured at the Bengal Government Cinchona Plantation.

These articles are guaranteed to be free from wilful admixture with other Cinchona Alkaloids. Quinine is for sale only to Government officers. Cinchonidine is for sale to Government officers and to dealers. Both Quinine and Cinchonidine are for sale for cash only and may be obtained from the Superintendent, Royal Botanic Garden, Sibpur, near Calcutta.

The rates from 1st April 1908 are as follows :—

To Government officers.

	R	a.	p.	Post-free. R	a.	p.
Quinine.						
16-oz. tin	15	0	0	15	6	0
8 " "	7	8	0	7	12	0
4 " "	3	12	0	4	0	0
Cinchonidine.						
16-oz. tin	11	4	0	11	10	0
8 " "	5	10	0	5	14	0
4 " "	2	13	0	3	1	0

To dealers.

Cinchonidine.	R	a.	p.	Post-free. R	a.	p.
16-oz. tin	16	0	0	16	6	0
8 " "	8	0	0	8	4	0
4 " "	4	0	0	4	4	0

STATEMENT OF SILVER OPERATIONS AT THE CALCUTTA AND BOMBAY MINTS FOR THE PERIOD FROM 16TH TO 22ND OCTOBER 1908.

(In Lakhs of Standard Tolas.)

Name of Mints.	Coinage of British India Government Coins.													Coinage of British Dollars.		
	Receipts.				Coinage.			Balance of Bullion and Coin.								
	Purchased Silver.	Withdrawn and uncurrent coins from Treasuries, etc.	Native State coins.	Total.	New rupees and small silver coins delivered to Treasuries or Currency Department.	New rupees made over to Native States.	Total.	New coin ready for delivery.	Gold Standard Reserve.	Currency Bullion.	Other Government Bullion.	Withdrawn and uncurrent coins.	Total.	Receipt of Bullion for Dollar Coinage.	Dollar coined and paid over.	Closing balance of Bullion.
Calcutta	...	1	...	1	12	...	12	3	200	11	83	5	302	...	...	...
Bombay	...	...	...	...	19	...	19	3	400	...	43	2	448	1	...	1

G. M. PORTER, Colonel, R.E.,
Master of the Mint.

HIS MAJESTY'S MINT;
Calcutta, the 28th October 1908.

BANK OF BENGAL.

NOTICE.

The Directors have made the following changes in the Bank's European Establishment:—

Mr. J. M. Atkinson to be acting Sub-Agent, Rangoon Branch.

Mr. R. E. Bell to be acting Superintendent, Government Account Department.

By order of the Directors,

L. G. DUNBAR,
Offg. Secretary and Treasurer.

BANK OF BENGAL;
Calcutta, the 26th October 1908.

TELEGRAPH DEPARTMENT.

NOTIFICATIONS.

Simla, the 22nd October 1908.

No. 78.—Mr. R. J. Comber, Sub-Assistant Superintendent, 1st grade, has been granted combined leave for six months under Article 233 of the Civil Service Regulations, that is, privilege leave for one month and thirteen days under Article 260 of the Civil Service Regulations combined with furlough for the remaining period under Article 338 (*b*) of the above quoted Regulations, with effect from the forenoon of the 14th of October 1908.

The 23rd October 1908.

No. 79.—The following reversion and promotion in the Superior Establishment of the Telegraph Department are sanctioned, with effect from the 1st of October 1908:—

Names.	From	To
Mr. S. C. Maulik . . .	Superintendent, 2nd grade, Temporary.	Assistant Superintendent, 1st grade.
Mr. H. C. N. Prance . .	Assistant Superintendent, 4th grade.	Assistant Superintendent, 3rd grade.

T. D. BERRINGTON,
Director General of Telegraphs.

Calcutta, the 28th October 1908.

No. 15.—Offices reported opened and closed during the period—14th October to 27th October 1908:—

Name of Office.	Where situated.	Date.	REMARKS.
	Government Telegraph Offices.		
Bahramghat . . .	Oudh	22nd October .	Opened.
Balasinor . . .	Bombay	25th " . .	"
Barasat . . .	Bengal	14th " . .	"
Dibiapur . . .	United Provinces	22nd " . .	"
Mari . . .	Punjab	15th " . .	"
Pali-Marwar . . .	Rajputana	27th " . .	"
Sillanwali . . .	Punjab	26th " . .	"

The following alterations in the names of Government Telegraph Offices are notified :—

"Bharatpur" instead of "Bharatpur City."

"Papun—Burma" instead of "Papun."

Railway Telegraph Offices.

Berhampore Court	Eastern Bengal State Railway	15th October	Opened.
Churab	Bengal and North-Western Railway	12th "	"
Khushalgarh East	North Western Railway	26th June	Closed.
Khushalgarh West	Ditto	5th January	"
Mundha Pande	Oudh and Rohilkhand Railway	15th October	Opened.
Ootacamund	South Indian Railway	Ditto	"
Palta	Eastern Bengal State Railway	1st August	"
Payaradanga	Ditto	Ditto	"
Tisua	Oudh and Rohilkhand Railway	15th October	"

C. GOODALL,
for Director, Traffic Branch.

SURVEY OF INDIA—TRIGONOMETRICAL BRANCH.

NOTIFICATION.

Dehra Dun, the 20th October 1908.

No. 66.—Mr. O. C. Ollenbach, Extra Assistant Superintendent, 5th Grade, Survey of India, is granted privilege leave for 15 days in extension of that granted to him by Notification No. 65, dated 1st September 1908.

H. H. TURNER, Captain, R.E.,
for Superintendent, Trigonometrical Surveys.

SURVEY OF INDIA—BURMA SURVEYS OFFICE.

NOTIFICATION.

Bangalore, the 23rd October 1908.

No. 13-*E*.-9.—In continuation of this office Notification No. 11 of the 18th August 1908, Mr. S. S. M. Fielding, Extra Assistant Superintendent, 6th Grade, Survey of India, is granted an extension of privilege leave for 3 days under Article 260 of the Civil Service Regulations.

G. B. HODGSON, Bt.-Col., I.A.,
Deputy Surveyor General, In charge, Burma Surveys.

THE HONOURABLE THE AGENT TO THE GOVERNOR GENERAL IN BALUCHISTAN.

NOTIFICATION.

Quetta, the 20th October 1908.

No. 5532.—The services of the Reverend J. B. King, B.A., Assistant Chaplain of Quetta, are placed at the disposal of the Government of the Punjab, with effect from the 19th October 1908, or the subsequent date on which he may relinquish charge of his duties at Quetta.

By order,

A. L. JACOB, Captain,
First Assistant.

POST OFFICE.

NOTIFICATIONS.

Simla, the 26th October 1908.

No. 2311-*S.-Ap.*—Babu Gopal Chandra Mukerji, officiating postmaster, Muzaffarpur, pay R200—300, is granted privilege leave for one month with effect from the 9th October 1908.

Babu Braja Nath Mukerji, deputy postmaster, Muzaffarpur, pay R100, is appointed to act as postmaster, Muzaffarpur, during his absence on privilege leave or until further orders.

The 27th October 1908.

No. 2324-*S-Ap.*—Mr. Krishnaji Damador Tembe, M.A., Superintendent of post offices, 4th grade, officiating in the 3rd grade, is granted privilege leave for one month, with effect from the 8th Oetober 1908.

The following officiating appointments are made during his absence on privilege leave, or until further orders :—

Mr. Govinda Gangadhar Dange, M.A., Superintendent of post offices, 4th grade, to act in the 3rd grade ;

Mr. R. R. Ricketts, Superintendent of post offices, 5th grade, to act in the 4th grade ;

Mr. Sabihuddin Misbahuddin, Probationary Superintendent of post offices, to act as Superintendent of post offices, 5th grade.

E. A. DORAN,
Offg. Director-General of the Post Office of India.

THE HON'BLE THE AGENT TO THE GOVERNOR GENERAL AND CHIEF COMMISSIONER, NORTH-WEST FRONTIER PROVINCE.

NOTIFICATIONS.

Peshawar, the 21st October 1908.

No. 101.—Lieutenant L. Forbes, 57th Wilde's Rifles (Frontier Force), whose services have been placed at the disposal of the Chief Commissioner for employment with the Militia, is appointed Wing Officer and Officiating Quarter Master, Khyber Rifles, with effect from the afternoon of the 1st October 1908.

No. 102.—Major J. S. Kemball, 29th Punjabis, Commandant, Kurram Militia, is granted privilege leave of absence for 60 days under the provisions of paragraph 220, Army Regulations, India, Volume II, with effect from the forenoon of the 5th October 1908.

No. 103.—Consequent on the grant of 60 days' privilege leave to Major J. S. Kemball, 29th Punjabis, Commandant, Kurram Militia, the following acting promotions are ordered in that Corps, with effect from the forenoon of the 5th October 1908 :—

(1) Captain C. P. Wynter, 52nd Sikhs, Right Wing Commander, to officiate as Commandant.

(2) Captain E. H. Dunsford, 33rd Punjabis, Left Wing Commander, to officiate as Right Wing Commander.

(3) Captain L. S. Whitchurch, 21st Cavalry, Adjutant, to officiate as Left Wing Commander.

(4) Lieutenant G. A. G. Shepherd, 57th Wilde's Rifles, Wing Officer, to officiate as Adjutant.

By order, etc.,

A. R. DICK, Colonel,
Inspecting Officer, Frontier Corps,
N.-W. Frontier Province.

The 22nd October 1908.

No. 104.—It is hereby notified that the holidays to be observed in public offices under the Administration of the Hon'ble the Agent to the Governor General and Chief Commissioner of the North-West Frontier Province, during the year 1909, which are specified in the schedule hereto annexed, are public holidays within the meaning of Section 25 of the Negotiable Instruments Act, XXVI of 1881. These holidays should be given to all Government servants subject to the single condition that it should be open to the head of an office to stop a holiday notified under the Act in the case of any individual guilty of idleness or inattention to duty, unless the day in question is deemed specially sacred by the members of the religion which the offender professes.

2. In addition to the holidays specified in the schedule, all Government offices will be closed from Tuesday, the 28th, to Thursday, the 30th December 1909.

3. Local holidays for great festivals or fairs peculiar to particular places may be granted at the discretion of heads of offices, provided always that there are no arrears of work. Heads of offices may also, subject to the same condition, permit the last Saturday of every month to be observed as a holiday in the English and Vernacular Offices. In such cases, all establishments should be allowed, subject to the condition laid down in the case of public holidays under the Negotiable Instruments Act to take full advantage of the holiday.

4. This notification does not apply to holidays to be observed in Civil Courts.

SCHEDULE.

List of Holidays for Public Offices during the year 1909.

Names of holidays.	Dates on which they fall.	Day or days of the week.	Number of days.	REMARKS.
GENERAL HOLIDAYS.				
All Sundays	.....	.....	52	
Proclamation Day	1st January	Friday	1	
*King-Emperor's Birthday	.....	.....	1	
CHRISTIAN HOLIDAYS.				
Easter holidays	9th, 10th and 12th April.	Friday, Saturday and Monday.	3	
Christmas Vacation	24th to 27th and 31st December.	Friday to Monday and Friday.	4	
HINDU HOLIDAYS.				
Basant Panchmi	26th January	Tuesday	1	
Sheoratri	19th February	Friday	1	
Holi	6th March	Saturday	1	
Solono	31st August	Tuesday	1	
Janam Ashtmi	6th September	Monday	1	
Dussehra	20th to 23rd October.	Wednesday to Saturday.	4	
Dewali	12th November	Friday	1	
MUHAMMADAN HOLIDAYS.				
Id-ul-Zuha	4th January	Monday	1	
Muharram	30th January and 1st and 2nd February.	Saturday and Monday and Tuesday.	3	
Bara Wafat	5th April	Monday	1	
Id-ul-Fitar	16th October	Saturday	1	Subject to the appearance of the moon.

*NOTE.—The day fixed for the celebration of the King-Emperor's Birthday will be notified separately hereafter.

By order,

A. H. GRANT,

Secretary to the Chief Commissioner,
North-West Frontier Province.

REVENUE COMMISSIONER, NORTH-WEST FRONTIER PROVINCE.

NOTIFICATION.

EXAMINATION.

Peshawar, the 24th October 1908.

No. 4911.—The following persons are hereby declared to have passed the Naib Tahsildars' Examination held at Lahore on the 10th and 11th August 1908:—

Serial No.	District.	Name of Candidate.	Father's Name.	Designation.	REMARKS.
1	Hazara .	Sher Bahadur Khan.	Muhammad Umar Khan.	Candidate for the post of Naib Tahsildar.	Passed in all subjects.
2	Dera Ismail Khan.	Muhammad Nawaz Khan.	K. B. Hak Nawaz Khan, C.I.E.	Candidate for the post of Naib Tahsildar.	Passed in papers 1, 4, and 5 and subject to re-examination in 2 and 3.
3	Do.	Hamid Khan .	M. Abdulla Khan.	Officiating Naib Tahsildar, Kulachi.	Passed in paper 1 and completes the examination.
4	Do.	Miraj Din . .	M. Nizam Din	Officiating Naib Tahsildar, Damon tract.	Passed in papers 2, 3, 4 and 5.
5	Peshawar .	Muhammad Hashim Khan.	Azad Khan .	Candidate for the post of Naib Tahsildar.	Passed in paper 1 and subject to re-examination in 2 and 3.
6	Do. .	Muhammad Usman Khan.	Muhammad Sadiq Khan.	Candidate for the post of Naib Tahsildar.	Passed in papers 1, 2, 3 and 5 and completes the examination.
7	Do. .	Sardar Ali Khan .	K. B. Khan Baba Khan.	Naib Tahsildar, Experimental Farms, Peshawar.	Passed in paper 1 and completes the examination.
8	Do. .	S. Dhian Singh .	S. Amar Singh .	Translator, Revenue Commissioner's office.	Passed in all subjects.
		UNDER LAND	REVENUE	RULE 149 II.	
9	Kohat .	Muhammad Panah	Muhammad Hayat.	Excise Darogha .	Passed in papers 2, 3, 4 and 5 and completes the examination.
10	Hazara .	Umar Khitab .	Nawab Khan .	District Kanungo .	Passed in all subjects.
11	Dera Ismail Khan.	Faiz Muhammad .	M. Allah Baksh Khan.	Excise Darogha .	Passed in papers 2 and 3 and completes the examination.
12	Peshawar .	Muhammad Umar	Ilahi Baksh .	Officiating District Kanungo.	Passed in papers 2 and 3 and completes the examination.
13	Do. .	Maqbul Ahmad .	Muhammad Yunus.	Excise Darogha .	Passed in papers 2 and 3 and completes the examination.

By order,

C. B. RAWLINSON, Major, C.I.E.,
Revenue Commissioner, North-West Frontier Province.

NORTH-WEST FRONTIER PROVINCE—PUBLIC WORKS DEPARTMENT—IRRIGATION BRANCH.

NOTIFICATION.

The 23rd October 1908.

No. 2606-*I. F.*—Whereas it appears to the Hon'ble the Agent to the Governor-General and Chief Commissioner, North-West Frontier Province, that land is required by Government for a public purpose, namely, for The Pallo Dheri Rest House at R. D. 126100 of the Machai Branch, Upper Swat River Canal, it is hereby declared that the undermentioned land is required for the said purpose.

This declaration is made under the provisions of section 6 of Act I of 1894, and under section 7 of the said Act the Deputy Collector, Peshawar, is hereby directed to take order for the acquisition of the said land.

Specification of land.

1	2	3	4	5	6	7
District.	Tehsil.	Mauzah.	Area in acres.	Direction.	Boundaries.	Place where the plans may be inspected.
Peshawar .	Mardan .	Pallo Dheri .	5'17	.....	A nearly rectangular piece of ground adjacent to Canal Boundary at R. D. 126100 right side.	Office of the Executive Engineer, Mardan Division, Upper Swat River Canal, at Mardan, and of the Deputy Commissioner, Peshawar District.

J. J. MULLALY,
Secretary for Irrigation, North-West Frontier Province.

CEMETERY NOTICE.

The monument over the grave of Mr. Charles Hayes, late of the Medical Department, in the compound of the Sub-Divisional residence at Madhipura in the Bhagalpur District, is so damaged as not to admit of repair. The attention of friends or relatives of the above-named Charles Hayes is drawn to the fact, and if any one is willing to undertake its restoration, he is requested to communicate with the Superintending Engineer, North Western Circle.

If no such undertaking is forthcoming the monument will be treated at the next repair in such manner as the Chaplain may decide to be necessary for the maintenance of the cemetery in decent order.

F. LYALL,
District Magistrate, Bhagalpur.

BHAGALPUR;
The 29th October 1908.